Author index

A

Aagaard, L. 466 A
Aarsen, R.S.R. 544 A
Abayasekara, D.R.E. 462 A
Abbal, M. 523 A
Abdel Kader, R. 464 A
Abderrahim, H. 896
Abe, F. 627
Abel, P. 534 A
Abraham, R.M. 462 A, 535 A
Abraham, R.R. 462 A, 513 A, 528 A, 535 A
Abrahamsson, H. 490 A
Abu Hasan, B.S. 462 A
Acheson, K. 585
Acosta, M. 472 A
Adam, M. 546 A
Adamson, U. 603
Adamsson, U. 528 A
Adezati, L. 552 A
Adkins-Marshall, B.A. 462 A, 481 A, 525 A
Adler, J.H. 329
Aerts, L. 463 A, 489 A
Agarwal, V.R. 51
Ah-See, A.K. 517 A
A'Hern, R. 747
Ahola, A. 491 A
Ahonen, J. 488 A
Ahrén, B. 463 A, 507 A, 514 A, 531 A
Akagai, Y. 506 A
Akanuma, H. 41, 831
Akanuma, Y. 41, 831
Akaoka, I. 41
Akazawa, M. 500 A
Akazawa, S. 500 A
Åkerblom, H.K. 129, 146
Akmdal, T.P. 836
Alam, S. 519 A
Alaveras, A.E.G. 463 A
Albano, O. 464 A
Albera, C. 474 A
Alberetto, M. 463 A, 532 A
Alberti, K.G.M.M. 500 A, 519 A, 523 A
Albor, A. 517 A
Algar, V.D. 430
Ali, L. 559 A
Allanic, H. 542 A
Allannic, H. 463 A
Allen, T.J. 482 A
Allison, W. 533 A
Almdal, T. 463 A
Almdal, T.P. 114
Alt, E. 520 A
Altamore, G. 476 A
Altman, J.J. 464 A
Altomare, E. 464 A
Åman, J. 552 A
Amano, K. 400
Amara, Fahmy 464 A
Amiel, S. 477 A
Amill, B. 481 A
Amiranoff, B. 511 A
Ammon, H.P.T. 464 A, 488 A, 508 A, 511 A, 538 A, 556 A
Anastasi, E. 464 A, 483 A
Anaya, L. 375
Andersen, H.U. 500 A, 517 A
Andersen, L.D. 516 A
Andersen, P.H. 464 A, 506 A
Andersson, A. 465 A, 510 A
Andraghetti, G. 493 A
Andre, J. 497 A
Andreani, D. 68, 481 A, 533 A, 542 A, 543 A, 549 A
Andrews, W.J. 473 A
Anfossi, F. 551 A
Anfossi, G. 525 A, 816
Anglada, J. 522 A
Anichini, R. 493 A, 525 A
Annuzzi, G. 536 A, 552 A, 884
Anteunis, A. 465 A
Antico, L. 517 A
Antoine, J.M. 465 A
Antsiferov, M. 524 A, 549 A
Aperla, A. 878
Appel, M. 486 A
Arata, M. 375
Archibald, H.R. 430
Argyraki, M. 505 A
Arkhammar, P. 465 A, 469 A, 490 A, 499 A, 537 A
Armitage, M. 670
Armstrong, F.M. 494 A
Arner, P. 465 A, 528 A, 543 A, 556 A
Arner, P. 871
Arnold-Larsen, S. 806
Arnovist, H.J. 473 A
Arnqvist, H. 514 A
Arroyo, J. 522 A
Asaba, Y. 547 A
Asakura, S. 526 A
Ashcroft, F.M. 465 A, 507 A
Ashcroft, S.J.H. 466 A, 526 A
Asher, J. 462 A
Ashford, M.L.J. 510 A
Ashworth, L.K. 494 A
Assal, J.-Ph. 466 A
Assan, R. 485 A
Assche, F.A. van 489 A
Asselman, P. 214
Assimacopoulos-Jeannet, F. 466 A
Aßkamp, B. 488 A
Astesano, A. 465 A
Atar, D. 487 A
Atiea, J. 466 A
Atkinson, A.B. 545 A
Attali, J.R. 553 A
Auzan, C. 537 A
Avioli, L.V. 315
Avogaro, A. 471 A, 486 A, 550 A
Azevedo, M. 466 A
Azevedo, M.J. 497 A

B

Babin, F. 546 A
Bacci, S. 476 A
Bach, F.J. 472 A
Bach, J.F. 555 A
Badier, C. 592
Badr, M. 464 A
Bækkeskov, S. 466 A
Bækkeskov, S. 597
Baggio, B. 492 A
Bailbe, D. 472 A, 542 A
Bailey, C.J. 467 A, 559 A
Bak, J.F. 467 A
Baldissera, F.G.A. 470 A
Ballagi-Pordány, G. 467 A
Ballagi-Pordány, Gy. 681
Ballegooie, E. van 471 A
Ballotti, R. 467 A
Balzani, I. 469 A
Bandello, F. 541 A
Barash, V. 467 A
Barbieri, R.L. 560 A
Barbosa, J. 481 A
Barnes, G.D. 519 A
Barnett, A.H. 343, 490 A, 521 A, 864
Baron, V. 468 A
Baroni, M.G. 528 A
Barradas, M.A. 504 A
Barreto, M. 468 A
Barry, D.G. 76
Bartlett, K. 500 A
Basabe, J.C. 375
Basta, G. 476 A
Baudon, M.A. 468 A
Baumgartl, H.J. 561 A
Bax, G. 469 A
Bayerl, C. 468 A, 508 A
Baylis, P. 519 A
Bazin, R. 532 A
Beastall, G.H. 421
Beaufort, C.E.de 544 A, 758
Beaufrère, B. 607
Beaufrére, B. 741
Bech, K. 468 A, 492 A
Beck-Nielsen, H. 483 A, 492 A, 502 A, 535 A, 544 A
Becker, F. 468 A
Beckwith, R. 523 A
Beemer, F.A. 612
Behar, A. 553 A
Beitz, L. 476 A
Békefi, D. 545 A
Belfiore, F. 469 A
Bell, G. 484 A
Bell, P.M. 545 A
Bell, P.R.F. 390
Bellavere, F. 469 A
Bellis, A.de 484 A, 486 A
Bendelac, A. 472 A
Bending, J. 531 A
Bendtzen, K. 539 A
Benecke, H. 519 A
Benelli, C. 922
Benhaïem, H. 531 A
Bennett, P.H. 16
Bennett, P.H. 509 A, 531 A
Bennett, P.H. 730
Benzi, L. 469 A
Berg, U. 504 A
Berger, H. 480 A
Berger, M. 1
Berger, M. 473 A, 501 A, 545 A, 776
Berger, W. 545 A
Berggren, P.-O. 465 A, 469 A, 473 A, 490 A, 499 A, 537 A
Berggren, P.O. 558 A
Bergonzani, M. 561 A
Bergström, B. 546 A
Bernal, M.T. 552 A
Bernardi, L. 521 A
Berne, C. 415, 469 A, 552 A
Bersani, M. 470 A
Bertoli, A. 496 A
Bertoli, S. 493 A, 525 A
Bertrams, J. 189, 470 A
Bertrand, G. 470 A, 531 A, 535 A
Best, L. 470 A
Bethoux, J.P. 464 A
Betteridge, D.J. 515 A
Bétuel, H. 741
Beverley, P.C.L. 543 A
Bevins, C.L. 476 A
Beyer, J. 470 A
Beyer, K. 560 A
Beylot, M. 470 A, 478 A, 555 A, 607
Bibby, N.J. 62, 322
Biedzinska, M. 553 A
Bier, D. 481 A
Bier, D.M. 471 A, 550 A
Bihoreau, M.T. 510 A, 531 A
Billaudel, B. 471 A
Bilo, H.J.G. 471 A, 554 A
Bilous, R.W. 471 A
Binder, C. 544 A, 549 A, 647
Bingley, P.J. 471 A, 548 A
Binimelis, J. 481 A
Biolo, G. 471 A, 475 A, 503 A, 549 A
Birk, A. 488 A
Birtwell, A.J. 559 A
Bishop, A. 524 A, 534 A
Bizzarro, A. 484 A, 486 A
Björntorp, P. 480 A
Björntorp, P. 798
Blachier, F. 468 A, 472 A, 517 A
Blackard, W.G. 127, 480 A
Blanche, S. 536 A
Blayac, J.P. 515 A
Blayo, A. 472 A
Blivet, M.-J. 520 A
Blondel, O. 472 A, 532 A
Bloom, S.R. 492 A, 494 A
Boam, D.S.W. 472 A
Bocquet, L. 485 A
Bodin, B. 510 A
Bodkin, N.L. 500 A
Boehm, B.O. 540 A
Boemlander, A. 483 A
Boeri, D. 516 A

Boillot, J. 464 A, 536 A
Boine, L. 478 A
Bois-Joyeux, B. 470 A
Boitard, C. 451, 464 A, 472 A, 478 A
Bokvist, K. 473 A, 537 A
Bollen, M. 711
Bolli, G. B. 811
Bompiani, G. D. 551 A
Bonadonna, R. C. 473 A
Bonadonna, R. F 538 A
Bonara, E. 561 A
Bonati, P. A. 561 A
Bone, A. J. 558 A, 560 A
Bonifacio, E. 449, 451
Bonner-Weir, S. 486 A, 560 A
Bonnevie-Nielsen, V. 473 A
Bonney, R. C. 496 A
Borch-Johnsen, K. 522 A
Borg, L. A. H. 539 A
Borgia, M. C. 476 A
Bornfeldt, K. E. 473 A
Boscarato, M. T. 471 A, 503 A
Bosi, E. 395
Bott, U. 473 A
Bottazzo, G. F. 430, 451, 505 A
Böttcher, G. 463 A
Bougneres, P. 478 A
Boulton, A. J. M. 518 A, 762
Bowes, S. B. 519 A
Boyd, H. K. 473 A
Boylston, A. 46
Bozem, M. 531 A
Bozem M. 474 A
Bradwell, A. R. 343, 490 A, 521 A, 864
Brandenburg, D. 694
Brange, J. 507 A
Bratusch-Marrain, P. 502 A
Bretzel, R. G. 490 A, 515 A, 560 A, 561 A
Briandet, H. 479 A
Briani, G. 475 A, 492 A
Brichard, S. M. 474 A
Bristow, A. 495 A
Britland, S. T. 542 A
Brøchner-Mortensen, J. 723
Broetz, T. 546 A
Brogren, C.-H. 474 A
Brötz, A. 499 A
Broughton, D. 505 A
Brown, A. M. 379
Brown, S. 479 A
Brownlee, M. 510 A
Bruining, G. J. 474 A, 544 A
Brun, J. M. 553 A
Brunetti, A. 469 A
Brunetti, P. 493 A
Brunetti, P. 811
Brunner, D. 474 A
Bruno, A. 474 A, 478 A
Brunstein, E. 534 A
Bruttomesso, D. 471 A, 475 A
Bruun, N. E. 544 A, 806
Bruzzo, F. 472 A
Bucalossi, A. 518 A
Buchanan, K. D. 559 A
Bungay, P. J. 497 A
Bünting, C. 475 A
Buonanno, G. 561 A
Burch, A. 507 A
Burden, A. C. 520 A
Burkart, V. 475 A
Burnol, A.-F. 475 A
Buscema, M. 385
Buschard, C. 516 A
Buschard, K. 474 A, 475 A, 506 A
Büscher, C. 499 A
Butler, P. C. 523 A

C

Cabello, M. A. 475 A
Cabero, L. 482 A
Cabrera, R. 484 A
Cacciapuoti, F. 476 A
Cacciatore, L. 484 A
Caen, J. P. 498 A
Cagliero, E. 516 A, 537 A
Cahill, C. 486 A
Cai, F. 469 A
Calafiore, R. 476 A
Calcinaro, F. 476 A
Calcutt, N. 379
Caldara, R. 541 A
Calderara, A. 463 A
Callard, P. 464 A
Callas, B. 479 A
Calle, C. 484 A
Calori, G. 492 A
Cama, A. 476 A
Camara, J. 517 A
Cambon-Thomsen, A. 523 A
Cameron, N. E. 476 A, 482 A
Camp. K. van 484 A
Campagna, C. 515 A
Campbell, P. 527 A
Campillo, J. E. 910
Campione, R. 469 A
Cancelli, A. 476 A, 493 A
Cantor, P. 271
Capani, F. 477 A
Capeau, J. 520 A
Capeau. J. 535 A
Capra, F. 532 A
Caprio, S. 477 A, 548 A
Caputo, S. 477 A, 496 A
Cardella, F. 551 A
Careddu, G. 477 A
Carey, B. M. 559 A
Carlo, A. di 493 A, 518 A
Carlucci, M. 541 A
Carnaud, C. 472 A
Carolan, G. 485 A
Caron, M. 520 A, 535 A
Carpano-Maglioli, P. 554 A
Carpenter, T. 548 A
Carranza, M. C. 484 A
Carretero, F. 481 A
Carson, M. P. 771
Cartron, J. 505 A
Carvalho-Braga, D. 477 A
Carvalho, P. 497 A
Casalini, G. 477 A
Casamitjana, R. 495 A
Casey, C. 670
Casla, A. 538 A
Caspers-Velu, L. E. 477 A
Cassidy, D. M. 477 A
Castano, L. 468 A
Castaño, L. 478 A
Castoldi, R. 541 A
Cathelineau, G. 555 A
Cavadore, J. C. 497 A
Cavailo-Perin, P. 474 A, 478 A, 489 A
Cavalot, F. 551 A, 816
Caviezel, F. 478 A
Cecchetti, P. 469 A
Cerasi, E. 507 A, 558 A
Ceriello, A. 478 A, 494 A, 889
Cerqueira, M. J. 482 A
Cervera, T. 482 A
Cesco, L. 474 A
Cester, N. 533 A
Chakrabarti, S. 175
Chamberlain, J. 390
Chambers, J. 539 A
Chambrier, C. 478 A
Champvallins, M. de 553 A
Chan, S. L. F. 524 A
Chandramouli, V. 557 A
Chang, K. 533 A
Chantelau, E. 153, 479 A
Chantelau, E. A. 545 A
Charles, M. A. 479 A, 500 A, 542 A
Charzewska, J. 480 A
Chatelain, P. 741
Chaussain, J. L. 478 A
Chavanieu, A. 479 A, 497 A
Chenard, P. 479 A
Cherqui, G. 520 A, 535 A
Cherrington, A. D. 481 A, 518 A, 520 A, 525 A, 557 A
Chiarelli, F. 554 A
Chicheportiche, D. 54, 479 A
Chlup, R. 520 A
Chokron, C. 467 A
Christacopoulos, P. D. 463 A
Christau, B. 522 A
Christensen, N. J. 523 A
Christiansen, J. S. 541 A
Christie, M. 466 A, 597
Church, S. E. 762
Chwalow, A. J. 479 A
Cianfrani, M. 552 A
Ciccarone, A. M. 469 A
Cicerello, E. 492 A
Cicmir, I. 480 A, 562 A
Cignarelli, M. 480 A, 484 A
Cigolini, M. 480 A
Claesson-Welsh, L. 558 A
Clark, A. 480 A
Clark, R. 495 A
Clarke, B. 482 A
Clauser, E. 535 A, 537 A
Clore, J. N. 127, 480 A
Close, C. F. 505 A
Cobelli, C. 469 A, 473 A, 478 A, 486 A, 518 A, 550 A
Codina, M. 481 A, 482 A
Cohen-Boulakia, F. 553 A
Cohen, D. 505 A, 896
Cohen-Haguenauer, O. 505 A, 896
Cohen, R. 478 A
Colabucci, F. 481 A
Cole, M. M. 76
Colle, E. 675
Colledge, N. R. 501 A
Collier, A. 487 A
Collins, P. 516 A
Collins, P. B. 524 A, 529 A
Colman, P. 549 A
Comans, E. F. I. 554 A
Comaschi, M. 552 A
Comi, G. C. 478 A
Comte, B. 555 A
Conlon, J. M. 559 A, 563
Connolly, C. 462 A
Connolly, C. C. 481 A
Consoli, A. 481 A
Contaldo, F. 480 A
Conti, A. 518 A
Conti, F. 481 A
Conti, G. F. 549 A
Contreas, G. 464 A, 482 A
Contreres, J. O. 482 A, 537 A
Cooke, B. A. 462 A
Cooper, G. J. S. 513 A
Cooper, J. G. S. 480 A
Cooper, M. E. 482 A
Corakci, A. 123
Corbellini, A. 527 A
Corcos, A. P. 507 A
Corcoy, R. 482 A
Cordera, R. 493 A
Cordes, U. 470 A
Corkey, B. E. 482 A, 533 A
Corso, M. 484 A
Cospite, M. R. 480 A, 484 A
Costagliola, D. 551 A
Cotter, M. A. 476 A, 482 A
Cottin, Y. 553 A
Couet, C. 465 A
Coupé, C. 489 A
Cozzolino, D. 494 A, 550 A
Crastes de Paulet, A. 523 A
Creagh, F. 466 A
Crepaldi, G. 486 A, 490 A, 549 A, 551 A
Cresto, J. C. 375
Creutzfeldt, W. 68, 271, 513 A, 525 A
Crisa, L. 464 A, 483 A
Cristallo, M. 521 A
Cruciani, C. 521 A
Cruickshank, J. K. 483 A
Cruickshank, K. 521 A
Cruschelli, L. 525 A
Cryer, P. E. 471 A
Cucinotta, D. 464 A
Cugini, A. M. 533 A
Cugnenc, P. H. 464 A
Curchod, B. 585
Currò, D. 481 A
Cusin, I. 483 A
Czernichow, P. 514 A, 540 A
Czyżyk, A. 483 A, 503 A

D

Dahlquist, G. 597, 664, 878
D'Alessandro, A. 480 A
Damjancic, P. 537 A
Damsbo, P. 483 A, 492 A, 516 A
Damsgaard, E. M. 483 A
Dandona, P. 462 A, 494 A, 504 A
Dankó. I. 545 A

Dannehl, K. 189
Dansk, H. 546 A
Daponte, A. 486 A
Darquy, S. 479 A
Daures, J. P. 529 A
Davidson, H. W. 535 A
Davies, J. A. 98
Davila, N. 484 A
D'Avino, M. 476 A
Day, C. 467 A
Day, J. L. 534 A
De Feo, P. 811
De Meyts, P. 559 A
De Pergola, G. 480 A
De Rose, A. 552 A
De Simone, G. 552 A
De Tand, M.-F. 505 A
De Vos, C. J. 848
Dean, H. G. 98
Dean, J. D. 485 A
Debant, A. 482 A, 537 A
Debry, G. 465 A
Debussche, X. 485 A
Dechaux, M. 514 A
Deckert, T. 142, 504 A, 519 A
Deckert, T. 708
Decsi, T. 30
Deege, J. 479 A
Deeney, J. T. 482 A
DeFronzo, R. A. 473 A, 538 A, 585
Dejgaard, A. 492 A, 506 A
Dejgård, A. 281
Del Prato, S. 515 A
Dello Russo, P. 478 A
Dello Russo, P. 889
D'Emilio, A. 477 A
Derby, L. 485 A
Derbyshire, N. 534 A
Derennes, V. 463 A
Desbuquois, B. 922
Deschamps, I. 486 A, 896
Descomps, B. 523 A
Desplanque, N. 544 A
Dezier, J. F. 532 A
Dhunputh, I. 544 A
Di Carlo, V. 541 A
Di Leo, M. A. S. 477 A
Di Mario, U. 493 A
Di Santo, S. 811
Diaz, J. L. 449
Dibiase, F. 480 A
DiCarlo, V. 515 A
Dickson, A. C. 515 A
Dieperink, H. 489 A
Dikkeschei, B. 487 A
Dimitriadis, G. 58
Dische, F. E. 158
DiSilvio, L. 395
Ditzel, J. 723
Dixon, J. 93
Docherty, K. 472 A
Dodds, R. 531 A
Dolais-Kitabgi, J. 468 A
Donadon, V. 551 A
Donahue, E. P. 481 A
Donker, A. J. M. 471 A, 554 A
D'Onofrio, F. 3, 494 A, 550 A, 910
Doorenbos, H. 487 A, 539 A, 576
Doormaal, J. J. van 576
Doria, A. 486 A, 494 A
Dotta, A. 549 A
Dotta, F. 483 A, 486 A, 549 A
Doyle, A. E. 482 A
Dozio, N. 694
Draznin, B. 486 A
Drexhage, H. A. 556 A
Drubra, U. 483 A
Drummer, C. 511 A
Drummond, K. 514 A
Drury, P. L. 539 A
Ducrocq, R. 485 A
Duee, P. H. 530 A
Duguid, I. G. M. 517 A
Duhault, J. 487 A
Dullaart, R. P. F. 487 A
Duner, E. 475 A, 486 A
Dunger, A. 498 A
Dunn, B. 504 A
Dunning, B. E. 487 A
Durand, A. 741
Duron, J. 487 A
Dutet, D. 487 A
Dutour, A. 529 A
Dyrberg, T. 487 A

E

Eadington, D. W. 487 A, 501 A
Eaton, R. P. 539 A
Ebert, R. 271, 525 A
Ebner, S. 475 A
Eckel, J. 488 A
Edmonds, M. E. 652
Edsberg, B. 516 A
Edwards, C. A. 480 A
Eeden, T. S. van 556 A
Efendic, S. 493 A, 515 A
Efendić, S. 528 A
Efendic, S. 557 A
Egeberg, J. 557 A
Eisenbarth, G. S. 254, 483 A, 486 A, 549 A
Eizirik, D. L. 168, 488 A, 539 A
Ekstrand, A. 488 A
El Boustani, S. 523 A
El-Fayoumi, H. 488 A
El-Gohari, M. R. 82
El-Sayed, M. E. 488 A
Elgrably, F. 551 A
Elliot, R. B. 322
Elliot, S. J. 481 A
Elliott, R. B. 62
Ellis, S. H. 494 A
Ellsinger, B. M. 480 A
Elrashidi, R. 464 A
Elsaaran, A. 464 A
Emanuelli, G. 525 A, 551 A, 816
Endler, A. T. 537 A
Engerman, R. L. 928
Engfeldt, P. 528 A, 556 A
Engkvist, M. 465 A
England, M. J. 503 A
Entenmann, H. 490 A
Enzi, G. 515 A
Epstein, L. H. 902
Ercilla, G. 495 A
Eriksson, G. L. 549 A
Eriksson, H. 798
Eriksson, J. 488 A
Eriksson, U. J. 546 A, 549 A
Ermel, B. 488 A, 527 A
Eschwege, E. 479 A
Eshøj, O. 489 A
Espiga-Macedo, M. 477 A
Esposito, C. 555 A
Estivi, P. 478 A, 489 A
Everhart, J. E. 16
Ewald, U. 552 A
Ewing, D. J. 501 A

F

Faassen, I. van 553 A
Facchini, F. 515 A
Faes, Th. J. C. 512 A
Fagioli, S. 481 A
Fagius, J. 469 A
Falsini, B. 477 A
Fanelli, C. 811
Färber, J. 557 A
Farmer, G. 134
Farndon, J. 477 A
Farnier, M. 553 A
Faronato, P. P. 494 A
Farquharson, M. A. 46
Farrell, P. A. 522 A
Fauchet, R. 463 A, 542 A
Faure, A. 471 A, 489 A
Faye, A. 464 A
Fedele, D. 469 A
Federlin, K. 468 A, 490 A, 499 A, 515 A, 546 A, 560 A, 561 A
Feifel, K. 523 A
Felber, J. P. 585
Feldt-Rasmussen, B. 489 A, 504 A, 527 A, 708
Feliu, J. E. 475 A, 489 A
Felsing, W. 520 A
Fernandez-Castañer, M. 524 A
Fernandez-Cruz, A. 539 A
Fernandez Durango, R. 539 A
Fernandez, J. 495 A
Fernández-Martín, O. 687
Fernqvist, E. 489 A
Ferrannini, E. 473 A, 585
Ferrari, G. 515 A, 541 A
Ferraro, S. 552 A
Ferre, P. 468 A
Ferré, P. 489 A
Ferri, M. 469 A
Ferriss, J. B. 76
Festa, A. 549 A
Feutren, G. 555 A
Fiedler, A. 561 A
Field, J. 505 A
Fiet, J. 555 A
Filip, L. 561 A
Filloux, C. 537 A
Fioretto, P. 490 A, 494 A, 551 A
Fischell, R. E. 542 A
Fischer, A. 536 A
Fischer, U. 508 A, 534 A
Fisher, B. M. 421
Flatt, P. R. 490 A, 543 A, 547 A
Flesch, B. 490 A, 560 A
Fletcher, J. 864
Fletcher, J. A. 490 A, 521 A
Fletcher, J. 343
Florkowski, C. M. 490 A
Flynn, M. D. 652
Flyvbjerg, A. 310, 491 A
Fontbonne, A. 479 A
Fontvieille, A. M. 472 A, 536 A
Fonzo, D. 554 A
Formby, B. 491 A
Fornasari, G. 521 A
Forrest, R. D. 201, 561 A
Foulis, A. K. 46
Francis, N. D. 46
François, R. 607, 741
Frank, B. 558 A
Frank, B. H. 848
Frank, M. 519 A
Franssila-Kallunki, A. I. 491 A
Franzetti, I. 478 A
Fratino, P. 521 A
Fressinaud, P. 546 A
Frey, H. J. 539 A
Frey, S. 491 A, 536 A
Freyschuss, U. 489 A, 504 A
Frid, A. 491 A
Frier, B. M. 421, 487 A, 501 A
Froland, A. 483 A
Froguel, Ph. 554 A
Frölich, M. 509 A, 526 A
Frontoni, S. 476 A
Fronzo, R. A. de 485 A
Fröschl, H. 511 A
Füeßl, H. S. 492 A
Fugleberg, S. 549 A
Fujii, S. 766
Fujishima, M. 291
Fujita, Y. 519 A
Fukushima, H. 657
Fukuzawa, N. 831
Fuller, J. H. 492 A
Fumelli, P. 533 A
Fürnsinn, C. 492 A
Fyhrqvist, F. 206

G

Gałecki, A. 483 A, 503 A
Gaal, L. van 484 A
Gabbay, K. H. 751
Gabl, F. 537 A
Galardi, G. 541 A
Galbo, H. 522 A
Gale, E. A. M. 123, 430, 471 A, 543 A, 548 A
Galetti, R. 478 A
Galimberti, G. 521 A
Gall, M.-A. 492 A
Gallois, Y. 463 A
Gallus, G. 492 A
Galton, D. J. 528 A, 792
Gambardella, S. 476 A
Gambaro, G. 492 A
Gans, R. O. B. 471 A, 554 A
Garancini, P. 492 A
Garau, X. 522 A
Garcia, C. 687
Garcia, M. V. 530 A
Garruti, G. 484 A
Gauguier, D. 510 A
Gause, R. 545 A
Gautier, N. 468 A

Gavin, J.R. 315
Gaztambide, S. 493 A
Gebuhrer, L. 741
Gelfand, R. 477 A
Gelfand, R.A. 473 A
Gemmell, C. 516 A
Genetet, B. 542 A
Gentile, S. 476 A, 486 A
George, G. 524 A
Gerard, M. 501 A
Gerich, J. 481 A, 505 A, 522 A
Gerlach, H. 555 A
Gerven, J.M.A. van 553 A
Gespach, C.P. 500 A
Ghatei, M.A. 492 A, 494 A
Gherzi, R. 493 A
Ghirlanda, G. 477 A, 496 A, 517 A, 533 A
Giacca, A. 493 A
Giacco, R. 536 A, 884
Giampietro, O. 493 A, 525 A
Giannarelli, R. 493 A, 518 A
Giannecchini, M. 493 A
Giannella, R. 554 A
Giardina, E. 551 A
Giese, J. 544 A
Gilbert, D. 462 A
Gilbey, S.G. 158, 162, 214
Gill, D.S. 494 A
Gill, J.S. 494 A
Giorato, C. 490 A, 494 A, 551 A
Giordano, P. 481 A
Giorgino, R. 480 A, 484 A
Giovine, A. 464 A
Girard, J. 468 A, 475 A, 489 A, 530 A
Giraud, P. 529 A, 546 A
Girault, A. 546 A
Giroix, M.H. 494 A
Gisinger, C. 545 A
Giugliano, D. 3, 478 A, 494 A, 550 A, 889, 910
Gjötterberg, M. 543 A
Glaesener, G. 758
Glaser, B. 507 A
Glasmacher, A. 495 A
Gleichmann, H. 451, 508 A
Glennon, M.C. 533 A
Gnudi, L. 561 A
Goday, A. 495 A
Goebel, F.D. 492 A
Goetz, F.C. 471 A
Goicolea, I. 493 A
Golay, A. 585
Goldfine, I.D. 385
Goldner-Sauvé, A. 675
Gomez, F. 511 A
Gomez, J. 524 A
Gomis, R. 495 A
Goodfield, M.J.D. 567
Gooding, W. 902
Górski, J. 495 A
Gorsuch, A.N. 495 A
Gould, B.J. 495 A
Graae, M. 527 A
Granić, M. 552 A
Grant, P.J. 98
Grant, P.J. 495 A
Grapengiesser, E. 496 A
Gray, C.E. 421
Gray, I.P. 182
Graziani, D. 477 A
Grealy, G. 76
Greber, H. 529 A
Greco, A.V. 477 A, 496 A, 517 A
Greco-Perotto, R. 108, 466 A
Green, A. 496 A
Green, I.C. 496 A, 547 A
Greenhalgh, P.M. 496 A
Gregori, G. 493 A, 525 A
Gregorio, F. 493 A
Gremeaux, T. 512 A
Grenfell, A. 496 A
Greten, H. 519 A
Gries, F.A. 189, 475 A, 551 A, 562 A
Griffin, M. 497 A
Grigorescu, F. 479 A, 497 A
Grigorova-Borsos, A.M. 497 A
Grill, V. 497 A
Grobbee, D.E. 474 A
Groop, L. 206, 488 A, 491 A, 538 A, 560 A
Groop, P.-H. 206
Groot, J.de 539 A
Gross, D.J. 497 A
Gross, J.L. 497 A
Gross, R. 515 A
Grossmann, G. 541 A
Gruesser, M. 473 A
Grunberger, G. 315
Grüneklee, D. 189
Gruska, S. 562 A
Gu, J.-L. 484 A
Guarini, L. 469 A
Guerre-Millo, M. 498 A, 532 A
Guest, P.C. 498 A
Guillausseau, P.J. 498 A
Gullo, D. 385
Gunn, S. 751
Gunnarsson, R. 489 A, 557 A
Gupta, R. 493 A
Guy, R.J.C. 214
Gylfe, E. 496 A, 498 A

H

Haan-Meulman, M.de 556 A
Hadden, D.R. 473 A
Hadházy, P. 681
Hadi, A. 505 A
Hadjiisky, P. 497 A
Haga, T. 502 A
Hahn, H.J. 498 A
Hahn v. Dorsche, H. 562 A
Haigh, R.A. 498 A
Hainault, I. 498 A
Halban, P.A. 497 A, 541 A
Halban, P.A. 621
Hales, C.N. 182, 510 A, 548 A
Halimi, S. 499 A
Hall, K. 493 A, 504 A
Hallberg, A. 499 A
Hallman, H. 465 A
Hamada, Y. 502 A
Hamann, A. 519 A
Hamar, A. 30
Hamberger, B. 603
Hamilton-Nicol, D.R. 134
Hammes, H.-P. 499 A
Hammonds, P. 499 A, 526 A, 560 A
Hampton, S.M. 543 A
Handberg, A.A. 499 A
Hanley, S.P. 762
Hanna, M. 500 A
Hansen, A.B. 500 A
Hansen, B. 514 A, 558 A
Hansen, B.C. 500 A
Haouari, M. 489 A
Harada, M. 254
Hargreaves, M.P. 477 A
Häring, H. 488 A, 525 A, 527 A
Häring, H.U. 491 A, 536 A
Harker, M. 526 A, 543 A, 821
Harling, H. 520 A
Hartling, S. 545 A
Hartling, S.G. 544 A
Hashimoto, F. 221
Hashimoto, M. 500 A
Hastings, J.R. 557 A
Hátle, K. 546 A
Hattori, M. 254, 560 A
Hauner, H. 541 A
Hautwast, J.G.A.J. 480 A
Havivi, E. 329
Havivi, Y. 618
Hawley, D. 543 A
Hawthorne, G.C. 500 A
Hawthorne, J.N. 297
Hay, U. 540 A
Hayes, J.R. 545 A
Haymond, M.W. 549 A
Hazard, J. 512 A
Hazenberg, H.J.A. 471 A
Hearnshaw, J.R. 520 A
Heaton, D.A. 182, 513 A, 747
Heijer, J.C.den 553 A
Heimans, J.J. 512 A
Heine, P.J. 532 A
Hejblum, G. 465 A
Held, M. 561 A
Helderman, J.H. 228
Hellal, I. 536 A
Hellerström, C. 537 A, 544 A, 547 A
Hellman, B. 496 A, 498 A, 559 A
Helm, S.T. 480 A
Helmke, K. 468 A
Helqvist, S. 500 A, 517 A
Helve, E. 35
Hemmann, D. 501 A
Henquin, J.C. 470 A, 474 A, 501 A, 531 A
Henriksson, J. 557 A
Hepburn, D.A. 501 A
Hepp, K.D. 468 A, 508 A
Herberg, L. 559 A, 855
Hermans, M.P. 501 A
Hermitte, L. 555 A
Herrera, E. 501 A
Hetherington, C. 500 A
Hetreed, A. 494 A
Hildebrandt, P. 501 A
Hill, D.J. 547 A
Hillaire-Buys, D. 515 A
Hillson, R.M. 502 A
Hilsted, J. 281
Hirata, Y. 528 A
Hirota, M. 221, 627
Hitier, Y. 489 A
Hjøllund, E. 467 A
Høier-Madsen, M. 468 A
Hockaday, T.D.R. 485 A, 526 A
Hockaday, T.D.R. 821
Hoffmann, G. 271
Hofman, A. 474 A
Höll, E. 506 A
Holst, J.J. 470 A, 500 A, 502 A, 509 A, 520 A, 528 A
Home, P.D. 304
Home, P.D. 524 A, 549 A
Hommel, E. 265, 502 A, 530 A, 806
Hooi, P.M. 462 A
Hoorfar, J. 474 A
Hornes, P. 468 A
Horoszek-Mariarz, S. 510 A
Horoszek-Maziarz, S. 529 A
Hors, J. 486 A, 896
Hoskins, P.J. 513 A
Hother-Nielsen, O. 483 A, 502 A, 544 A
Hotta, N. 502 A
Hougaard P. 475 A
Howard, B. 530 A
Howorka, K. 502 A, 537 A
Huber, R.M. 527 A
Hübinger, A. 189
Huddle, K.R.L. 503 A
Hughes, S.J. 466 A
Huisman, H.W. 543 A, 556 A
Hurst, R.D. 503 A, 524 A
Husken, P. 390
Hussain, H.S. 462 A
Hutton, J.C. 498 A, 535 A
Hwang, D.L. 514 A
Hyöty, H. 146

I

Iacono, G. 484 A, 486 A
Iannello, S. 469 A
Ichinose, K. 657
Idahl, I.A. 554 A
Idema, I.G. 576
Ikari, N. 500 A
Ikebe, H. 506 A
Ikeda, Y. 524 A, 539 A, 561 A
Ikegami, H. 254, 560 A
Iliopoulou, V. 521 A
Ilonen, J. 146
Imamura, T. 228
Imbaud, P. 487 A
Inchiostro, S. 471 A, 475 A, 503 A, 549 A
Ingerslev, J. 310, 491 A
Ingram, D. 495 A
Inouye, K. 558 A
Ionescu-Tirgoviste, C. 503 A
Iori, E. 490 A, 515 A
Ishii, T. 547 A
Iso, K. 539 A
Issa-Chergui, B. 675
Issad, T. 489 A
Ito, N. 627
Iwamoto, Y. 355
Iwasaki, N. 528 A
Iwase, M. 291

J

Jack, C.M. 126
Jackson, C.A. 201, 561A
Jackson, P.G. 82
Jackson, R. 519A
Jager, J.de 543A
James, R.F.L. 390
Janeczko, D. 483A, 503A
Janka, H.U. 491A, 504A, 536A
Jansen, E.H. 513A
Jansen, J.B.M.J. 513A
Jansen, T. 541A
Jansson, L. 465A, 510A
Jarrett, R.J. 71, 505A, 737
Jeanrenaud, B. 108, 235, 466A, 483A
Jeffcoate, W.J. 498A
Jelić, J. 504A
Jenkins, D. 490A, 521A, 864
Jennings, P.E. 490A
Jensen, B.M. 468A
Jensen, S. 723
Jensen, T. 142
Jensen, T. 463A, 504A, 519A
Jenssen, T. 505A, 522A
Jéquier, E. 585
Jeremy, J.Y. 462A, 504A
Jerums, G. 482A
Jess, G. 562A
Jeucken, P. 556A
Jørgensen, H.E. 265
Jørgensen, J.O. 541A
Joergens, V. 473A
Johansen, K. 504A
Johansson, B.-L. 504A
Johansson, H. 498A
Johnson, A. 505A, 516A, 549A
Johnson, A.H. 524A, 529A
Johnson, J.L. 496A
Johnston, C. 505A
Jolin, T. 505A
Jones, A.F. 490A
Jones, I.R. 505A
Jones, J.R. 496A
Jones, R. 505A
Jones, S.L. 505A
Jonkhoff-Slok, T.W. 825
Jörgens, V. 501A, 776
Jos, J. 505A
Josefsen, K. 506A
Jovanovic-Peterson, L. 506A
Joyce, C. 76
Juhl, H. 464A, 506A
Juhlin-Dannfelt, A. 528A
Juhlin, F. 527A
Julu, P.O.O. 247
Jung, V. 473A
Jungmann, E. 506A
Jutzi, E. 520A, 521A

K

Käär, M.-L. 146
Kabalan, S. 496A
Kabel, P.J. 556A
Kador, P.F. 477A, 506A
Kadowaki, H. 476A
Kadowaki, T. 476A
Kagawa, S. 547A
Kahn, C.R. 497A
Kaiser, N. 506A
Kakuta, H. 502A
Kalogeropoulou, K. 521A
Kamada, T. 511A, 526A
Kamp, G.J.van 554A
Kande, J. 475A
Kaneko, T. 766
Kang, S. 507A
Karabatas, L.M. 375
Karádi, I. 717
Karanth, S.S. 513A
Karg, J. 557A
Karjalainen, J. 129, 146
Karlsen, A.E. 487A
Karlsson, F. 527A
Karlsson, S. 507A
Karonen, S.L. 546A
Karplus, M. 558A
Kasamatsu, K. 509A
Kashyap, M. 500A
Kastern, W. 512A
Kataoka, K. 547A
Katyare, S.S. 119
Kaufmann, L. 551A
Kawaguchi, A. 509A
Kawaji, K. 519A
Kawamori, R. 511A, 526A
Kay, J.D.S. 499A
Keen, H. 82, 361
Keim, U. 501A
Kelbæk, H. 504A
Kelleher, C. 76
Keller, S. 507A
Keller, U. 24
Kelley, D. 507A, 522A
Kelly, R. 507A
Kennedy, L. 126
Keppens, S. 711
Kern, T.S. 928
Kerr, S.J. 466A
Kerridge, D.F. 134
Ketzler-Sasse, U. 540A
Khait, I. 558A
Khalid, B.A.K. 462A
Khalil, S. 464A
Khosrovaninejad, C. 479A
Kicken, D. 544A
Kida, K. 62
Kiens, B. 508A, 535A
Kikuchi, M. 291
Kilo, C. 533A, 550A
Kimmich, G.A. 537A
Kimura, I. 103
Kimura, M. 103
Kinebanyan, M.F. 510A
King, H. 93
Kingston, S.M. 76
Kinoshita, J.H. 506A
Kiorza, A. 531A
Kirmayer, M. 468A, 508A
Kirsch, C.M. 527A
Kishikawa, H. 657
Klein, H.H. 508A, 519A
Klinkhamer, M.P. 612
Klinkhammer, C. 508A
Klinzing, I. 499A
Klosa, M. 508A
Klöting, I. 498A
Klujber, L. 30
Klumpp, S. 464A
Knip, M. 129, 146
Knöbl, P.N. 540A
Knospe, S. 508A
Knowler, W.C. 16, 509A, 531A, 730
Knuts, L.-R. 536A
Kobbah, M. 195
Koch, M. 544A, 694, 848
Koffler, M. 228
Kofod, H. 487A, 509A, 516A
Koh, C.S. 285
Koh, H. 509A
Koh, N. 502A
Kohl, C. 530A
Köhler, E. 508A
Köhler, H. 513A
Kohlmann, C.-W. 470A
Koivisto, V. 546A
Koivisto, V.A. 35, 509A
Kolb, H. 189, 475A
Kollind, M. 603
Koltai, M. 467A
Koltai, M.Z. 681
Komiya, I. 225
Komjati, M. 492A, 509A
Kontessis, P. 505A
Konzok, C. 506A
Koopmans, S.J. 509A
Kopczyński, J. 483A, 503A
Koprowski, A. 510A
Kornfelt, T. 512A
Korsgren, O. 465A, 510A
Koschinsky, T. 475A, 510A
Kostner, G.M. 717
Kőszeghy, A. 467A
Köszeghy, A. 681
Kothe, E. 557A
Koutoulidis, K. 521A
Kowalski-Chauvel, A. 467A
Kozlowski, R.Z. 510A
Krans, H.M.J. 509A, 525A, 526A, 534A, 612
Krarup, T. 516A
Kratochvílová, E. 556A
Kriska, A. 902
Krohne, H. 470A
Krolewski, A.S. 485A, 504A, 518A, 553A
Krotkiewski, M. 495A
Krupa-Wojciechowska, B. 510A
Krupa Wojciechowska, B. 529A
Kruszynska, Y.T. 304
Kruszynska, Y.T. 510A
Kruszynska, Y.T. 621
Ktorza, A. 468A, 510A
Kubota, M. 526A
Kubota, Ma. 511A
Kubota, Mi. 511A
Kuglin, B. 470A
Kühl, C. 468A, 475A, 516A
Kühn, M. 511A, 538A
Kumaran, K. 557A
Kunoh, Y. 65
Kuntschen, F. 511A
Kunzelman, C.L. 730
Kurata, H. 524A, 561A
Kurlak, L.O. 462A
Kurtz, A. 449
Kurtz, A.B. 395
Küstner, E. 470A
Kuttler, B. 498A
Kuzuya, T. 355
Kverneland, A. 708

L

La Nave, G.F. 477A
La Rocca, E. 541A
Laakso, M. 783
Laborde, K. 514A
Laborie, C. 485A
Laburthe, M. 511A
Lacy, D.B. 557A
Lacy, P.E. 533A
Laffel, L.M.B. 485A
Lagny-Pourmir, I. 511A
Lai, D. 510A
Lake, S.P. 390
Laker, M.F. 477A
Lala, A. 548A
Lambourne, J.E. 379
Lambrecht, G. 554A
Lamers, C.B.H.W. 513A
Landau, B.R. 557A
Landau, H. 507A
Landgraf-Leurs, M.M.C. 511A
Landgraf, R. 511A, 527A, 540A
Landin-Olsson, M. 511A, 597, 664
Lang, F. 512A
Langkjær, L. 512A
Länsimies, E. 783
Lanting, P. 512A
Lapchak, P.H. 675
Laromiguiere, M. 536A
Larsen, M. 502A
Larsson, B. 798
Lassen, A. 474A
Lassmann-Vague, V. 552A, 592
Lasunción, M.A. 501A
Lauau, M. 498A
Laughlin, M. 537A
Laure, J. 511A
Laury, M.C. 531A
Lavau, M. 532A, 922
Lawrence, E. 548A
Lazell, J.M. 498A
Le Floch, J.P. 512A
Le Guen, C. 490A
Le Marchand-Brustel, Y. 512A, 536A
Leblanc, H. 499A
Lecloirec, J. 532A
Lee, H.K. 285
Lee, K.U. 285, 400
Leeuw, I.H.de 484A
Lefèbvre, P.J. 3, 68
Lefebvre, P.J. 540A
Lefèbvre, P.J. 910
Leibiger, B. 512A
Leibiger, I. 512A
Leighton, B. 58, 513A
Leinikki, P. 146
Leitner, J.W. 486A
Leiva, A. 482A
Leiva, A.de 481A

Lelievre, G. 512 A
Lemkes, H. H. P. J. 513 A, 553 A
Lemoulec, N. 532 A
Lendeckel, U. 562 A
Lenti, L. 549 A
Lenzen, S. 337, 538 A
Leonetti, F. 548 A
Leonhardt, U. 513 A
Lepeintre, J. 479 A
Lepore, G. 478 A, 527 A
Lernmark, Å. 473 A, 487 A, 509 A, 511 A, 516 A, 521 A, 597, 664
Leroy, C. 551 A
Lervang, H.-H. 723
Leslie, R. D. G. 182, 505 A, 513 A, 747
Lester, F. T. 361
Lestradet, H. 486 A, 896
Lev-Ran, A. 514 A
Levy, D. M. 462 A, 513 A, 528 A, 535 A
Levy, J. 315
Levy-Marchal, C. 514 A
Leyssac, P. P. 489 A
Li, G.-D. 514 A
Li, S. 528 A
Librenti, M. C. 521 A
Lickley, H. L. A. 493 A, 522 A
Lima-Reis, J. P. 477 A
Linde, B. 489 A
Linde, S. 514 A, 558 A
Linden, B. 491 A
Lindhout, D. 612
Lindsay, M. 497 A
Lindskog, S. 514 A
Lindsten, J. 515 A
Lindstrom, P. 554 A
Lindström, T. 514 A
Ling, K. L. E. 515 A
Liniger, C. 466 A
Linn, Th. 515 A
Lins, P. E. 528 A
Lins, P. E. 603
Linz, S. 562 A
Lipovac, V. 552 A
Lisato, G. 485 A, 515 A
Lithell, H. 415, 465 A, 508 A, 871
Liukkonen, I. 536 A
Livingston, J. N. 465 A
Livingston, N. 871
Llewelyn, J. G. 162
Løkkegaard, H. 265
Locuratolo, N. 548 A
Lomecky-Janousek, M. Z. 553 A
Longo, E. 482 A
Lönnqvist, F. 556 A
Loo, J. van de 529 A
López, S. 922
Loragno, M. R. 477 A
Lorenzi, M. 516 A, 537 A
Lorinet, A. M. 511 A
Loubatieres-Mariani, M. M. 515 A, 535 A
Lowy, C. 549 A
Lozano, J. 500 A
Lubetzki, J. 498 A
Luchetti, L. 561 A
Lucke, S. 498 A
Ludvigsson, J. 514 A, 521 A, 647
Ludwig, E. B. 497 A
Luft, R. 515 A
Lund-Andersen, H. 502 A
Lundquist, I. 463 A
Lunec, J. 490 A
Lustenberger, M. 24
Luthman, H. 515 A
Lütjens, A. 825
Luzi, L. 515 A, 521 A, 541 A
Luzio, S. 524 A, 534 A
Luzio, S. D. 548 A
Lye, R. M. 518 A
Lykke, G. 530 A
Lytken Larsen, M. 473 A

M

Maassen, J. A. 612
MacDonald, I. A. 498 A
Macdonald, I. A. 541 A
Machicao, F. 525 A
Mackay, E. 34[illegible], 490 A, 521 A
Maclaren, N. K. 127
Macmillan, P. A. 482 A
MacRury, S. M. 516 A
Madácsy, L. 545 A
Madec, A. M. 463 A
Madsbad, S. 506 A, 516 A
Madsen, O. D. 482 A, 516 A, 558 A
Maglio, L. 478 A
Maglio, M. L. 527 A
Magre, J. 535 A
Maharaj, D. 516 A
Maher, V. 516 A, 529 A
Mahler, R. 483 A
Maiello, M. 516 A
Maifreni, L. 515 A
Maki, Y. 291
Makin, H. L. J. 548 A
Makino, S. 254, 560 A
Malaisse, W. J. 468 A, 472 A, 488 A, 517 A
Malaty, A. 464 A
Maletti, M. 464 A
Malik, R. A. 517 A, 518 A
Maltese, J. Y. 529 A
Mancini, M. 552 A, 884
Mancuso, M. 476 A, 542 A
Mandarino, L. 507 A
Mandrup-Poulsen, T. 517 A, 560 A
Mandrup-Poulsen, T. 647
Mangili, R. 517 A, 639
Manna, R. 496 A, 517 A, 533 A, 538 A
Manso, C. 466 A
Manson, J. 518 A
Marcadet, A. 505 A
Marcelli-Barge, A. 486 A, 896
Marchetti, A. 518 A
Marchetti, P. 493 A, 518 A
Marco, J. 522 A, 523 A, 530 A
Marcus-Samuels, B. 476 A
Marescotti, M. C. 471 A, 475 A
Marfella, A. 484 A
Mari, A. 518 A
Marietti, G. 517 A
Mario, U. di 464 A, 483 A, 542 A, 549 A
Mario, U. di. 476 A
Mariuzzi, M. L. 549 A
Marks, V. 68, 543 A
Markussen, J. 512 A
Marotta, G. 536 A, 884
Marre, M. 546 A
Marsilii, A. 518 A
Martin, A. 501 A
Martin, B. 553 A
Martin, B. C. 518 A
Martin, C. 470 A
Martin, P. 550 A
Martin, S. 518 A
Martinenghi, S. 515 A, 541 A
Martini, I. A. 576
Martino, G. di 486 A
Maruyama, T. 547 A
Marzaro, G. 492 A
Marzillier, J. 515 A
Masala, C. 464 A
Mashali, N. 464 A
Masiello, P. 518 A
Masoni, A. 493 A, 518 A
Massi-Benedetti, M. 499 A
Masson, E. A. 518 A, 762
Massucco, P. 525 A, 551 A
Massucco, P. 816
Mastrosimone, S. 492 A
Masuda, I. 509 A
Mather, H. M. 494 A
Mathiesen, E. R. 519 A
Mathieu, P. 551 A
Matoba, K. 519 A
Matschinsky, F. M. 533 A
Matsuda, A. 355
Matsuoka, A. 547 A
Mattei-Zevaco, C. 592
Matthaei, S. 508 A, 519 A
Matthews, D. R. 519 A
Matthews, S. B. 485 A
Matthies, R. 561 A
Mattiasson, I. 546 A
Mattiello, L. 525 A, 816
Mattock, M. B. 82, 505 A
Mau Pedersen, M. 530 A
Mauer, K. 561 A
Mauer, S. M. 471 A
Mayer, P. 480 A, 562 A
Mayor, P. 484 A
Mazzanti, L. 533 A
Mbanya, J. C. 519 A
M'Boudou, O. 497 A
McCall, A. L. 771
McCormack, J. G. 510 A
McGauley, G. A. 519 A
McGuinness, O. P. 518 A, 520 A
McHardy-Young, S. 462 A, 513 A, 535 A
McKane, W. R. 545 A
McKeigue, P. M. 201
McKeon, C. 476 A
McLean, W. G. 443
McNally, P. G. 520 A
Meer, J. v. d. 825
Mehnert, H. 557 A
Meide, P. H. van der 675
Meier, M. K. 466 A
Meli, F. 551 A
Melin, B. 520 A
Mendy, F. 523 A
Menichella, G. 538 A
Menzel, R. 520 A
Mercalli, M. 542 A
Messell, T. 520 A
Metz, C. 607
Mevio, E. 521 A
Meyer-Ruesenberg, H. W. 529 A
Meyts, P. de 484 A
Miccoli, R. 525 A
Michaelis, D. 508 A, 521 A
Michardy-Young, S. 528 A
Michel, G. 758
Michelsen, B. 473 A, 487 A, 516 A, 521 A
Micossi, P. 492 A, 521 A
Migdalis, I. N. 521 A
Migliore, A. 538 A
Mijovic, C. 343, 521 A, 864
Mikawa, Y. 539 A
Mikhailidis, D. P. 504 A
Mikines, K. J. 508 A, 522 A
Milde, K. 490 A
Miles, P. D. G. 522 A
Milewski, J. 529 A
Millan Guasch, M. M. 522 A
Millard, L. G. 567
Miller, M. 505 A
Millward, B. A. 182, 505 A, 513 A, 747
Min, H. K. 285
Mincu, I. 503 A
Minnella, A. 477 A
Miralles, P. 522 A, 523 A, 530 A
Mirouze, J. 529 A
Mirouze. J. 497 A
Mirza, I. 670
Mirza, I. H. 560 A
Mitchinson, P. E. 368
Mitrakou, A. 505 A, 522 A
Miura, J. 524 A
Miyake, S. 500 A
Miyata, T. 657
Mizuno, M. 535 A
Mølbak, A. G. 522 A
Møller, B. 530 A
Møller, N. 523 A
Møller-Petersen, L. 526 A
Mølsted-Pedersen, L. 468 A, 475 A
Mølvig, J. 517 A, 523 A
Moffett, C. D. 730
Mogensen, C. E. 483 A, 530 A, 535 A
Mogus, B. 542 A
Moisan, A. 532 A
Mojena, M. 475 A
Mojovic, C. 490 A
Molenaar, J. 451
Molenaar, J. L. 474 A
Mollentze, W. F. 543 A
Möller, W. 612
Mollica, M. A. 533 A
Mollo, F. 551 A
Molnár, D. 30
Moncayo, R. 523 A
Mönch, K. E. 535 A
Monesi, G. 551 A
Monge, L. 489 A, 523 A, 530 A
Mongillo, A. 494 A

Monnier, L.H. 523A
Montaña, E. 524A
Montemurro, A. 493A
Montero, J.L. 910
Monti, L.D. 524A
Montironi, R. 549A
Moody, J.F. 466A
Mooradian, A.D. 703
Moore, G. 462A
Moore, U.M. 524A
Morano, S. 493A, 533A
Morgan, N.G. 503A, 524A
Morgan, R. 524A, 534A
Morgese, G. 554A
Morgese, M. 521A
Mori, Y. 524A, 539A, 561A
Morishima, T. 511A
Morita, M. 831
Moriya, T. 519A
Morley, J.E. 703
Mornex, R. 478A, 607
Morocotti, C. 548A
Morocutti, A. 490A, 494A
Morricone, L. 478A
Morris, J.F. 480A
Morris, R.L. 533A
Moss, R.J. 525A
Mossetti, G. 552A
Mourot, J. 465A
Mourtada, A. 517A
Mozere, G. 497A
Muddle, J.R. 162
Mühlbacher, C. 525A
Mühlbacher, Ch. 488A, 527A
Mühlhauser, I. 501A, 545A, 776
Mularoni, E. 525A, 551A, 816
Müller, M.J. 368
Mullis, P. 351
Munck, M. 517A
Murat, A. 499A
Murata, K. 550A
Murphy, L.J. 842
Murrells, T.J. 82
Muskiet, F.A.J. 576
Mustonen, A. 129
Mustonen, J. 783
Mutschler, E. 554A
Myers, S. 462A
Myers, S.R. 520A, 525A

N

Næraa, R. 310, 491A
Nagasaka, Y. 766
Nagataki, S. 500A
Nagi, D. 550A
Najak, R. 549A
Nakamura, T. 41, 103
Nakanishi, T. 500A
Nakash, J. 474A
Nambu, S. 509A
Napoleone, E. 464A
Nauck, M. 271, 525A
Navalesi, R. 469A, 493A, 518A, 525A
Nayak, R.C. 486A
Neal, D. 462A, 520A
Neal, D.W. 481A
Nelson, R.G. 509A, 531A, 730
Nenquin, M. 470A, 501A
Nerup, J. 500A, 522A, 523A, 529A, 560A
Nerurkar, M.A. 119
Nestler, J.E. 127
Neuringer, L.J. 558A
Newman, J.M. 730
Newrick, P.G. 517A
Newsholme, E.A. 58
Ng, L.L. 526A, 543A, 821
Nguyen, D. 558A
Niacadie, M.C. 485A
Nicolou, H. 556A
Nielsen, E. 482A, 558A
Nielsen, J.H. 514A, 526A
Nielsen, M.D. 544A
Nielsen, O.V. 470A
Nielsen, S.L. 504A
Nijs, H.G.T. 525A, 526A, 534A
Niki, A. 65
Niki, H. 65
Niki, I. 65
Nilsson, T. 465A, 469A, 499A, 537A
Nishijima, S. 528A
Nishimura, M. 524A, 561A
Nørgaard, K. 527A
Noguchi, K. 627
Nojima, H. 103
Nomura, M. 526A
Noor, H. 526A
Nordin, A. 465A
Norman, D.C. 703
Norris, K. 512A
Norstedt, G. 473A
Nosadini, R. 486A, 490A, 494A, 551A
Nosari, I. 527A
Nowalk, M.P. 902
Nuber, A. 491A
Nunoi, K. 291
Nurjhan, N. 481A, 505A, 527A
Nusser, J. 527A, 540A
Nyberg, G. 265
Ørskov, C. 502A
Ørskov, H. 310, 491A, 523A, 541A
Ørskov, L. 541A
Østerby, R. 265

O

Obberghen, E. van 467A, 468A, 512A
Öberg, C. 527A
Obermaier-Kusser, B. 488A, 525A, 527A
Odeon, M. 470A
Odugbesan, O. 343, 521A, 864
Oelbaum, R.S. 528A
Ogenbede, H.O. 134
Ohboshi, C. 221
Ohe, Y. 221
Ohgawara, H. 528A
Ohlson, L.-O. 798
Ohno-Shosaku, T. 562A
Ohno, T. 539A
Ojamaa, K. 476A
Okuda, Y. 505A
Oliver, C. 529A
Olmos, P. 747
Olsen, T. 535A
Ondrejka, P. 556A
Orłowska-Kunikowska, E. 529A
Oragui, E.E. 528A
O'Rahilly, S. 407, 529A, 792
Orci, L. 335
Ordoñez, J. 482A
Oriola, J. 481A
O'Shea, E. 558A
Oshima, I. 221
Östenson, C.-G. 497A, 528A
Ostermann, H. 529A, 551A
Ostle, L.R. 480A
Östman, J. 528A
O'Sullivan, D.J. 76
Oswald, G.A. 201
Overkamp, D. 123
Owens, D. 516A, 529A
Owens, D.R. 466A, 485A, 507A, 524A, 534A, 548A
Owerbach, D. 751

P

Pacini, G. 478A
Pagani, G. 527A
Pagano, G. 474A, 478A, 489A
Page, M. 466A
Pagliara, M. 561A
Pajetta, E. 463A
Pak, C.Y. 400
Pala, M.A. 538A
Palacin, M. 501A
Palmer, J. 449
Palmer, J.P. 500A
Palmieri, L. 525A
Panten, U. 337
Panten. U. 562A
Paolisso, G. 540A, 910
Papa, G. 533A
Pardo, C. 493A
Parer-Richard, C. 529A
Parry-Billings, M. 58
Parsons, V. 496A
Parving, H.-H. 265, 492A, 502A, 530A, 544A, 806
Paschen, U. 368
Passeri, M. 561A
Patel, P. 529A
Patel, P. 792
Paternostro, A. 480A, 484A
Paternostro-Bayles, M. 902
Paterson, K.R. 516A
Patrick, A.W. 487A, 501A
Patti, L. 530A, 536A, 884
Patzelt, C. 241
Payan, M.J. 555A
Pearson, D.W.M. 134
Pearson, H. 495A
Pedersen, E.E. 526A
Pedersen, O. 467A, 530A
Pedersen, S.B. 464A
Pedrotti, I. 521A
Peerebooms, P. 553A
Pegorier, J.P. 530A
Peiró, E. 522A, 523A, 530A
Pelkonen, R. 35
Pénicaud, L. 468A
Penicaud, L. 531A
Penno, G. 493A, 525A
Pepys, M.B. 158
Perdereau, D. 489A
Perfetti, R. 464A, 483A
Pergola, G. de 484A
Perkins, C.M. 494A
Perlemuter, L. 512A
Pernet, A. 466A, 499A
Perriello, G. 811
Persson, B. 664, 878
Peshavaria, M. 541A
Peters, J.R. 466A, 524A, 534A
Peterson, C.M. 491A, 506A
Peterson, R.G. 542A
Petit, P. 531A
Petrella, G. 521A
Petruzzi, E. 518A
Pettersson, M. 531A
Pettitt, D.J. 16, 509A, 531A, 730
Peynegre, R. 512A
Peyroux, J. 497A
Pezzino, V. 385
Pfeiffer, E.F. 523A, 540A, 541A
Piatti, P.M. 524A
Picard, J. 520A, 535A
Pick, R. 552A
Picon, L. 510A, 531A
Piermattei, M. 476A
Pietravalle, P. 476A, 533A
Pietropaolo, M. 476A
Pietschmann, P. 531A
Pietschmann, P. 892
Pignatelli, D. 477A
Pinget, M. 499A
Pinhock, S. 550A
Pinsard, D. 532A
Pinto, J.R. 531A
Piot, Ch. 511A
Pipeleers, D.G. 541A
Pirro, R.de 493A
Pitt, H.A. 542A
Pittaluga, P. 552A
Pivetta, O.H. 375
Piwernetz, K. 468A, 508A
Plewe, G. 548A
Ploug, T. 499A
Plum, A. 512A
Plumey, L. 532A
Pochet, R. 472A
Pogátsa, G. 467A, 681
Poirier, J.C. 896
Poirier, J.Y. 532A
Polak, J.M. 513A
Pollare, T. 415
Pollare, T. 465A
Pollare, T. 871
Ponte, E. 538A
Pontiroli, A.E. 463A, 532A
Pontonio, F.S. 486A
Pontuch, P. 556A
Ponzio, G. 482A, 537A
Poorthuis, B.J.H.M. 534A
Popp-Snijders, C. 532A
Porciatti, V. 477A
Portha, B. 465A, 472A, 494A, 532A, 542A

Postel-Vinay, M.C. 922
Potocký, M. 556A
Pou, J.M. 481A
Poulsen, S.S. 520A
Powell, C.J. 547A
Pozza, G. 463A, 492A, 515A, 517A, 521A, 532A, 541A
Pozzessere, G. 533A
Pozzilli, P. 533A, 543A
Pralong, W. 533A
Prato, S.del 485A
Preiss, B. 561A
Prentki, M. 482A
Prentki, M.A. 533A
Press, M. 548A
Preval, C.de 523A
Pricci, F. 542A
Price, R.G. 528A
Prip-Buus, C. 530A
Procacci, V. 464A
Procaccini, E. 533A
Prud'homme, G.J. 675
Pruna, S. 503A
Puech, R. 535A
Puente, A.del 531A
Pugliese, G. 533A, 550A
Pullara, M.R. 527A
Puppo, P. 552A
Purrello, F. 385
Pyke, D.A. 182, 505A, 513A, 747
Pyörälä, K. 783

Q

Quadri, R. 554A
Quafik, L.H. 529A
Quatraro, A. 478A, 889
Querci, F. 527A
Quillivic, F. 463A, 542A

R

Rabini, R.A. 533A, 549A
Radder, J.K. 509A, 526A, 534A
Rajotte, R.V. 466A
Ramahandridona, G. 592
Rand, L.I. 504A
Ranson, M.-O. 511A
Rasmussen, N. 468A
Rastogi, A.K. 51
Ratheiser, K. 537A
Ratzmann, K.P. 534A
Ravel, D. 487A
Rayman, G. 534A
Raz, I. 329, 618
Razenberg, P.P.A. 553A
Reach, G. 54, 479A, 554A
Reaven, G.M. 561A
Rebrin, K. 534A
Reddy, S. 322
Reddy, S.N. 62
Rees, A. 524A, 534A
Regazzi, R. 534A
Regitz, G. 474A
Reid, G. 462A, 535A
Reilly, J. 481A, 507A, 522A
Reimers, J. 271
Reinauer, H. 488A
Reitsma, W.D. 539A
Renner, R. 468A, 508A
Rennie, J.A. 158
Renold, A.E. 559A, 855
Reynet, C. 535A
Rhodes, C.J. 535A
Ribes, G. 515A, 535A
Riccardi, G. 530A, 536A, 884
Riccardi,G. 552A
Riccio, A. 485A
Richard, J.L. 529A
Richardson, M.R. 490A
Richelsen, B. 464A, 506A, 535A
Richter, E.A. 504A, 508A, 535A
Rietzel, S. 491A, 536A
Riley, W.J. 127
Rillaerts, E. 484A
Rimatori, C. 549A
Riou, J.P. 555A
Riou, J.P. 607
Risley, D. 747
Rivellese, A. 536A, 552A, 884
Rizkalla, S.W. 536A
Rizzo, P.A. 533A, 548A
Rønn, B. 519A
Roberts, M. 545A
Robertson, S. 476A, 482A
Rochet, N. 512A, 536A
Rodier, M. 529A
Rodriguez, M.D. 522A
Rodríguez-Tarduchy, G. 475A
Roesen, P. 551A
Rohac, M. 492A
Rohac, M. 537A
Rohner-Jeanrenaud, F. 235, 483A
Rolfe, M. 88
Romanazzi, V. 480A, 484A
Romanini, C. 533A
Romano, G. 536A, 884
Rompelman, O. 512A
Ronca, G. 525A
Rönnemaa, T. 536A
Ronner, P. 537A
Röpke, C. 506A
Rorsman, P. 465A, 473A, 490A, 537A
Rose, F.A. 16
Rosel, P. 524A
Rosén, I. 546A
Rösen, P. 681
Rosolski, T. 562A
Ross, I.S. 134
Rosselin, G. 465A
Rosselin, G.E. 500A
Rossetti, L. 537A
Rossi, B. 468A, 482A, 537A
Rossi, I. 489A
Rossi, M. 521A
Rossi, M.G.de 542A
Rossing, P. 492A
Rossodivita, A. 481A
Rosu-Jerome, F. 544A
Rothbard, J.B. 513A
Rouchette, J. 479A
Roux, J.M. 487A
Rovira, A. 538A
Roy, S. 537A
Ruckgaber, CH. 523A
Rudberg, S. 878
Ruderman, N.B. 771
Ruitton, A. 607
Ruiz-Grande, C. 538A
Russell, G. 134
Russo, M. 484A
Russo, P. 549A
Rustenbeck, I. 538A
Rütter, R. 475A
Rynkiewicz, A. 510A
Ryssen, J.C.J. van 556A

S

Saad, M.F. 509A, 531A
Saccà, L. 486A
Saccomani, M.P. 473A
Saccomanno, F. 494A
Sachs, G. 545A
Sadoshima, S. 291
Safayhi, H. 488A, 538A
Sagar, P. 51
Saint-Pierre, S. 468A
Sakakibara, F. 502A
Sakamoto, K. 547A
Sakamoto, N. 502A
Sakamoto, Y. 524A, 539A, 561A
Salabert, M. 482A
Salers, P. 529A
Saloranta, B.I.C. 538A
Saloranta, C. 206
Salvatore, M. 517A, 538A
Salvatore, T. 494A, 540A, 550A
Samà, B. 494A
Samartzis, M. 521A
Samper, B. 475A
Sampson, M.J. 539A
Sanarelli, L. 533A, 548A
Sánchez-Arias, J.A. 475A
Sanchez, D. 539A
Sandkuijl, C. 825
Sandler, S. 168, 488A, 539A, 544A
Sandström, P.-E. 542A
Sane, T. 35
Sane, T. 546A
Santantonio, G. 477A
Santeusanio, F. 228, 811
Santis, E.de 542A
Santomauro, M. 552A
Sarrach, D. 512A
Sasaki, A. 524A, 539A, 561A
Sasson, S. 558A
Satav, J.G. 119
Sato, M. 221
Sato, T. 560A
Saudek, C.D. 542A
Sauer, H. 468A
Sauerbrey, N. 516A
Savage, M.O. 123, 430
Scanlon, M.F. 466A
Scarantino, G. 551A
Scavini, M. 539A
Schacky, C. von 511A
Schaff, P. 536A
Schalin, C. 491A
Schaper, N.C. 539A
Schaper, W. 546A
Scharfmann, R. 540A
Scharp, D.W. 542A
Schauseil, S. 551A
Scheen, A.J. 540A, 910
Schenck, H. von 514A
Scherbaum, W.A. 540A
Schernthaner, G. 531A, 540A, 545A, 892
Scheuer, R. 527A, 540A
Schmeer, W. 501A, 531A
Schmidt, A. 541A
Schmidt, F. 525A
Schmidt, M. 499A
Schmidt, R.E. 542A
Schmitt, M. 546A
Schmitt, U. 561A
Schmitz, O. 467A, 541A
Schnack, C. 531A
Schneider, A.E. 548A
Schnetzler, B. 541A
Schønau Jørgensen, F. 530A
Schöffling, K. 506A, 540A
Scholz, V. 473A, 501A
Schooneveldt, M. 93
Schramm, W. 511A
Schrezenmeir J. 470A
Schuh, D. 491A, 536A
Schuit, F.C. 541A
Schultz, V. 771
Schulz, G. 470A
Schulz, H. 557A
Schumann, W.C. 557A
Scimeca, J.C. 467A
Scott, A.R. 541A
Scott, G.S. 82
Scott-Morgan, L. 670
Scriba, P.C. 508A
Scuderi, F. 496A, 517A, 538A
Scuro, L.A. 480A
Secchi, A. 515A, 541A
Seddio, G. 551A
Seemayer, T.A. 675
Seggewiss, K. 468A
Sehlin, J. 542A, 554A
Seidell, J.C. 480A
Seier-Poulsen, S. 470A
Seitz, H.J. 368
Sekiya, M. 526A
Selam, J.L. 479A, 500A, 542A
Selinus, I. 415
Selmi, H. 551A
Semana, G. 463A, 542A
Semplicini, A. 551A
Senator, G. 93
Sener, A. 468A, 488A, 517A
Sensi, M. 542A
Sensi, S. 477A
Seppälä, M. 546A
Sergi, G. 485A, 515A
Serradas, P. 494A, 542A
Sesti, G. 493A
Setiadi, H. 498A
Sgambato, S. 910
Sgnaolin, E. 492A
Shafrir, E. 467A
Sharma, A.K. 517A, 518A, 542A
Shaw, E. 535A
Sheehy, M. 214
Sheridan, B. 126, 473A

Sherman, N. 486 A
Sherwin, R. 477 A, 548 A
Shibier, O. 543 A
Shichiri, M. 511 A, 657
Shima, K. 221, 627
Shin, S. 221
Shinohara, M. 657
Shipley, M.J. 492 A, 737
Shoelson, S. 558 A
Shojaee-Moradie, F. 519 A
Shulman, G.I. 537 A
Shymko, R.M. 484 A
Siegel, E.G. 513 A
Sievers, M.L. 730
Signore, A. 543 A
Sigrist, V. 351
Silva, M.G.de 547 A
Silvestre, R.A. 522 A, 523 A, 530 A
Silvis, N. 543 A, 556 A
Sima, A.A.F. 175
Simmons, D. 526 A, 543 A, 821
Simon, M. 532 A
Simonson, D.C. 585
Simpson, C.M.F. 297
Sips, H. 612
Sips, H.C.M. 509 A
Sjöberg, S. 489 A, 543 A
Sjöholm, Å. 544 A
Skak-Nielsen, T. 470 A
Skott, P. 492 A, 544 A
Skott, P. 806
Skotnicki, A. 504 A
Skotnicki, M. 504 A
Skottner, A. 543 A
Škrabalo, Z. 552 A
Skvorak, A. 541 A
Slama, G. 472 A, 536 A, 544 A, 551 A
Slaviero, G. 517 A
Slijper, F.M.E. 544 A
Sluiter, W.J. 539 A
Smidt, U.M. 530 A
Smith, C.P. 123, 430
Smith, C.P. 548 A
Smith-Maxwell, C. 537 A
Smith, R. 504 A
Snorgaard, O. 544 A
Sørensen, A.R. 512 A
Sørensen, E. 512 A
Sørensen, N.S. 467 A
Sobey, W.J. 548 A
Sodoyez-Goffaux, F. 544 A, 694, 848
Sodoyez, J-C. 848
Sodoyez, J-Cl. 694
Sodoyez, J.C. 544 A
Soeldner, S. 483 A
Soichot, P. 553 A
Soler, J. 524 A
Soltész, G. 30, 545 A
Sönksen, P.H. 519 A
Sonne, B. 522 A
Spalding, J. 557 A
Spannagl, M. 511 A
Speedy, A. 533 A, 550 A
Spenny, K.H. 556 A
Spiess, K. 545 A
Spiezia, R. 476 A
Spinas, G. 500 A
Spinas, G.A. 517 A, 545 A
Spinuso, F. 552 A
Spivey, R.S. 529 A
Spotti, D. 515 A, 517 A, 541 A
Spraul, M. 545 A
Spriggins, D. 539 A
Springall, D.R. 513 A
Stahl, T. 495 A
Stalmans, W. 711
Standl, E. 561 A, 632
Stauch, M. 541 A
Staudacher, C. 515 A, 541 A
Stauffacher, W. 24
Steffes, M.W. 471 A
Steinhuber, R. 511 A
Stender, S. 142
Stenman, S. 206
Stern, D. 555 A
Stern, J. 479 A
Sternberg, M. 497 A
Sternberg, R. 554 A
Stetieh, H. 463 A, 542 A
Stevens, A.B. 545 A
Stickland, M.H. 98, 495 A
Stinsen, R.I. 525 A
Štolba, P. 546 A
Storm, B. 519 A, 527 A
Stout, R.W. 126
Strandell, E. 168, 539 A
Strange, S. 535 A
Středa, M. 546 A
Strietzel, J. 271, 525 A
Strik, R.van 544 A
Striker, G.E. 481 A
Striker, L.J. 481 A
Strödter, D. 499 A, 546 A
Styrud, J. 546 A
Su, S. 527 A
Sugiyama, Y. 550 A
Suikkari, A.-M. 546 A
Sundkvist, G. 511 A, 546 A, 597, 664
Sundler, F. 463 A
Suraniti, S. 546 A
Sussman, I. 771
Sussman, K.E. 486 A
Sutherland, D.E.R. 471 A
Sutherland, H.W. 134
Sutherland, J. 493 A
Sutter, B.Ch.J. 471 A, 489 A
Sutton, R. 480 A
Suzaki, K. 657
Suzuki, Y. 315
Svalander, C. 265
Svärdsudd, K. 798
Svejgaard, A. 523 A
Svensson, C. 547 A, 558 A
Swanston-Flatt, S.K. 490 A, 547 A
Swenne, I. 547 A
Swift, P.G.F. 520 A
Swinburn, B. 530 A
Szostak, V. 480 A

T

Taborsky, G.J. 487 A
Tadayyon, M. 496 A
Tadayyon M. 547 A
Tahara, D. 500 A
Tai, J. 175
Tajima, N. 524 A, 561 A
Takao, F. 547 A
Takeda, H. 657
Takei, I. 547 A
Talwar, S. 783
Tamarit Rodriguez, J. 554 A
Tamarit-Rodríguez, J. 687
Tamborlane, W. 477 A, 548 A
Tamburrano, G. 548 A
Taniguchi, M. 355
Tanti, J.F. 512 A
Tarn, A.C. 123, 548 A
Taskinen, M.-R. 560 A
Tatsch, K. 527 A
Tattersall, R.B. 541 A
Taylor, K.W. 548 A, 557 A
Taylor, R. 477 A
Taylor, R. 505 A, 519 A
Taylor, S.I. 476 A
Tchobroutsky, G. 472 A, 536 A, 544 A, 551 A
Teixeira-Santos, N. 477 A
Temler, E. 511 A
Temple, R.C. 548 A
Terrettaz, J. 483 A
Tessari, P. 471 A, 475 A, 503 A, 549 A
Testa, I. 533 A, 549 A
Teutsch, S.M. 730
Thalassinos, N.C. 556 A
Thalme, B. 664
Thevenot, D.R. 554 A
Thiébaud, D. 585
Thivolet, Ch. 741
Thoelke, H. 534 A
Thom, H. 134
Thomas, A.P. 533 A
Thomas, C.R. 549 A
Thomas, J.M. 123, 430
Thomas, P.K. 162
Thomas, T.H. 519 A
Thomaseth, K. 469 A
Thompson, C.S. 462 A, 494 A
Thomsen, M. 523 A
Thorin, D. 585
Thorlacius-Ussing, O. 310, 491 A
Thorne, R. 507 A
Thorsteinsson, B. 549 A
Thouvenot, P. 465 A
Thow, J. 505 A
Thow, J.C. 549 A
Thys, R. 559 A
Tibblin, G. 798
Tiberti, C. 549 A
Tiengo, A. 471 A, 475 A, 485 A, 515 A, 549 A, 551 A
Tighe, O.P. 524 A
Tilton, R.G. 533 A, 550 A
Tindall, H. 550 A
Tjon a Tham, R.T. 513 A
Toescu, V. 519 A
Toffolo, G. 486 A, 550 A
Tomkin, G.H. 524 A, 529 A
Tomkin. G. 516 A
Tomlinson, D.R. 379
Tomlinson, S. 470 A
Tonda, L. 554 A
Tooke, J.E. 652
Torella, R. 3, 478 A, 494 A, 550 A, 889, 910
Torlone, E. 811
Tormo, M.A. 916
Törnelius, E. 510 A
Tornheim, K. 771
Torri, G. 541 A
Tötterman, K.J. 206
Toublanc, M. 485 A
Tourniaire, J. 741
Toyoda, N. 550 A
Tranquilli, A.L. 533 A
Traynard, P.Y. 544 A, 551 A
Trembath, R.C. 792
Trevisan, R. 490 A, 494 A, 551 A
Trilles, V. 479 A
Triolo, G. 551 A
Trischitta, E. 469 A
Trivedi, P. 496 A
Troell, S. 504 A
Trovati, M. 68, 525 A, 551 A, 816
Trube, G. 465 A, 562 A
Tschoepe, D. 529 A, 551 A
Tsou, R.M. 477 A
Tubau, M. 522 A
Tumini, S. 554 A
Tun, Y. 182
Turco, S. 552 A
Turk, Z. 552 A
Turner, D. 500 A
Turner, R.C. 407, 480 A, 529 A, 792
Tuval, M. 474 A
Tuvemo, T. 195, 552 A
Ty, G. 751
Tyssen-Hansen, A. 529 A
Tytko, A. 513 A
Tzavara, J. 556 A
Tze, W.J. 175
Tzioras, C. 556 A

U

Ubaldi, P. 552 A
Uchida, T. 627
Ullrich, S. 514 A
Unger, R.H. 225
Uusitupa, M. 783

V

Vaag, A. 492 A, 501 A
Vaccaro, O. 552 A
Vagn Nielsen, O. 502 A, 520 A
Vague, Ph. 552 A, 555 A, 592
Vaillant, G. 553 A
Vainio, P. 783
Valensi, P. 553 A
Valerio, A. 475 A, 486 A, 490 A
Valle, E. 533 A, 548 A
Valsania, P. 553 A
Valverde, I. 468 A, 517 A, 538 A
Van Assche, F.A. 463 A
Van Obberghen, E. 536 A
Vara, E. 554 A, 687
Varricchio, M. 476 A, 910
Vazquez, J.A. 493 A
Veen, E.A. van der 485 A, 532 A, 553 A, 825

Veglio, M. 554 A
Velho, G. 554 A
Velussi, M. 486 A, 551 A
Vendemiale, G. 464 A
Venhaus, A. 153
Venter, C.S. 556 A
Vergani, D. 639
Verges, B. 553 A
Verrotti, A. 554 A
Verspohl, E.J. 508 A, 511 A, 554 A
Verza, M. 476 A
Vessby, B. 195
Vestergård, H. 506 A
Vexiau, P. 555 A
Vialettes, B. 552 A, 555 A, 592
Viberti, G.C. 82, 505 A, 517 A, 531 A, 639
Vidal, H. 555 A
Vierhapper, H. 509 A
Vigili de Kreutzenberg, S. 485 A, 515 A
Vigneri, R. 385, 469 A
Vigorito, C. 486 A
Vilardell, E. 495 A
Villa-Komaroff, L. 497 A, 621
Villanueva, M.L. 522 A, 523 A, 530 A
Villatte Chathelineau, B. 555 A
Vilstrup, H. 114, 463 A, 836
Vinzia, C. 524 A
Virgili, N. 524 A
Visalli, N. 533 A
Visser, A.Ph. 485 A
Visser, J.J.de 544 A
Vitacolonna, E. 477 A
Viviani, G.L. 552 A
Vlassara, H. 510 A, 555 A
Vlassopoulou, V. 556 A
Vogt, H. 561 A
Völkle, H. 351
Volkmann, A. 515 A
Volpicelli, G. 469 A
Vondra, K. 546 A
Voorbij, H.A.M. 556 A
Vora, J.P. 507 A
Vorster, H.H. 543 A, 556 A
Vos, A.de 485 A
Vos, C.J.de 544 A
Vozár, J. 556 A
Vranic, M. 493 A, 522 A
Vukovich, T.Ch. 540 A

W

Wadhawani, K. 477 A
Wahl, M.A. 556 A
Wahren, J. 557 A
Wahrenberg, H. 528 A
Wahrenberg, H.R. 556 A
Wainscoat, J.S. 407, 529 A, 792
Wajngot, A. 557 A
Waki, M. 509 A
Wakisaka, M. 291
Waldhäusl, W. 492 A, 502 A, 509 A, 537 A
Wales, J.K. 98, 495 A, 550 A, 559 A
Walker, A.R.P. 556 A
Wallberg-Henriksson, H. 557 A
Wallensteen, M. 664
Walls, J. 520 A
Walter, H.M. 557 A
Walther, R. 512 A, 636
Walther, U. 470 A
Wang, P.Y. 557 A
Ward, J.D. 517 A
Ward, T. 557 A
Warnock, G. 466 A
Warram, J.H. 504 A, 518 A, 553 A
Wasserman, D.H. 557 A
Watkins, P.J. 158, 162, 214, 652
Wautier, J.L. 498 A
Wautier, M.P. 498 A
Waxman, K. 542 A
Webster, K. 560 A
Webster, K.A. 558 A
Weerdt, I.de 485 A
Weir, G.C. 497 A
Weisbort, J. 474 A
Weiss, M.A. 558 A
Welin, L. 798
Welinder, B. 708
Welinder, B.S. 514 A, 558 A
Welsh, M. 499 A, 537 A, 558 A
Welsh, N. 499 A, 527 A, 537 A, 539 A, 544 A, 558 A
Wernstedt, C. 158
Wertheimer, E. 558 A
Wesslén, N. 559 A
Westermark, G.T. 158
Westermark, P. 158
White, M. 527 A
Whittaker, J. 484 A, 559 A
Wible, L. 751
Widen, E. 491 A
Wiefels, K. 562 A
Wilberz, S. 559 A, 855
Wilcock, C. 467 A
Wiles, P.G. 98
Wiles, P.G. 559 A
Wilhelmsen, L. 798
Wilke, W. 534 A
Wilkes, L.C. 559 A
Wilkin, T. 449, 670
Wilkin, T.J. 545 A, 558 A, 560 A
Wilkinson, R. 519 A
Willars, G.B. 379
Williams, A. 543 A
Williams, A.J.K. 430, 548 A
Williams, C.E. 559 A
Williams, G. 494 A
Williams, P. 462 A
Williams, P.E. 525 A
Williams, S. 485 A, 507 A
Williamson, J.R. 533 A, 550 A
Willis, A.C. 513 A
Wing, J.R. 82
Wing, R.R. 902
Winter, W.E. 127
Witte, K. 520 A
Witztum, J.L. 510 A
Woedtke, Th.v. 534 A
Woehrle, M. 560 A
Woertz, L. 479 A
Wogensen, L.D. 560 A
Wollheim, C.B. 514 A, 533 A, 534 A
Wollheim, G.B. 335
Woloszczuk, W. 892
Wong, C.W. 498 A
Woodcock, A.A. 518 A, 762
Woodcock, J.P. 485 A
Wu, X.P. 771
Wyman, M. 506 A

Y

Yajima, Y. 519 A
Yamada, H. 539 A
Yamaguchi, Y. 500 A
Yamamoto, H. 500 A
Yamamoto, K. 291
Yamamoto, Y. 627
Yamanouchi, T. 41, 831
Yamasaki, Y. 526 A
Yamatani, K. 522 A
Yano, M. 221, 627
Yano, N. 560 A
Yarom, R. 618
Yiangou, Y. 492 A
Yki-Järvinen, H. 509 A, 546 A, 560 A
Yokota, A. 500 A
Yokoyama, J. 524 A, 539 A, 561 A
Yoon, J.W. 400
Yoshioka, N. 355
Youssef, J.Key 463 A
Yudkin, J.S. 201, 496 A, 561 A
Yui, R. 528 A
Yusop, M.S. 462 A

Z

Zabel-Langhennig, R. 561 A
Zager, P.G. 539 A
Zaninetti, D. 108
Zapf, J. 507 A
Zappella, A. 493 A, 518 A
Zappone, G. 477 A
Zavaroni, I. 561 A
Zawalich, W.S. 435
Zdrojewski, T. 510 A
Zekorn, T. 561 A
Zerbib, A. 523 A
Ziady, G. 504 A
Ziegler, A.G. 561 A, 632
Ziegler, D. 562 A
Zielasek, J. 189, 475 A
Zimmet, P. 93
Zon, G.C.M.van der 612
Zubeldia, M.A.G. 910
Zühlke, H. 562 A, 636
Zühlke. H. 512 A
Zumbrunn, A. 535 A
Zünkler, B.J. 562 A
Zuppinger, K. 351

Subject Index

Key: A = abstract, b = Book review, c = Correspondence, r = Review, w = Workshop or study group report

1,5-anhydroglucitol [see Polyol - 1,5-anhydroglucitol]
1-deoxyglucose 41

A

α-adrenergic receptor - artery - prostaglandins, effect on 681
α-glucosidase inhibitor - hypoglycaemia, effect in 479 A
- - *Erratum* 715
α-ketoisocaproate - insulin release, effect on 435
α-tocopherol in diabetes 576
α_2-adrenergic blockade by midaglizole 657
- platelet aggregation, effect on 657
A-cell, pancreatic - Ca^{++} 498 A
Abbreviations: see advertisement pages, January & July
Abstracts - hints for EASD meetings 455 c
Acanthosis nigricans 567 r
Acetazolamide - diabetic nephropathy, effects in 806
Adipocyte - adenylate cyclase regulation in diabetic rat 496 A
- catecholamine action in diabetes 556 A
- insulin, effect of in fasted rat 506 A
Adrenaline - insulin resistance, inducing 603
- ketogenesis - mechanism 471 A
Affinity chromatography - glycated albumin 627
Africa, central - diabetic eye disease 88
Age - insulin response in IVGTT, effect on 430
AIDSPIT/1988 458
Albumin excretion rate - diabetes - acute hyperfiltration, effect of 554 A
- - glomerular filtration rate and 723
- - metabolic control, effect of 928
- - previous hyperfiltration and 723
- galactosaemic dog 928
- metabolic control, effect of 928
- urinary [see Nephropathy, Glomerular, Microalbuminuria]
Aldose reductase - erythrocyte 766
- inhibitor - diabetic neuropathy, effect in 494 A
- - nerve ATPase, effect on - neuropathy 379
- - nerve compression damage, effect on 443
- - neural Na^+/K^+-ATPase - diabetic rat 297
- - sorbinil - diabetic neuropathy 214
- - tolrestat - diabetic autonomic neuropathy 553 A
Alloxan 337 r
- *Errata* 715
Amino acid - cationic - islet cell, effect on 517 A
- intraduodenal administration - cholecystokinin release 271
- leucine - flux in Type 1 diabetes 549 A
- post-prandial metabolism in Type 2 diabetes 471 A
Amputation, below-knee - predisposing factors 517 A
Amylin - glucose utilisation, inhibition of 513 A
Amyloid - islet - ultrastructure 480 A
- localised - insulin as constituent protein 158
Angiotensin - converting enzyme - diabetic retinopathy 521 A
- II - plasma - insulin, effect of 551 A
- - - hypoglycaemia, effect of 816
Animals, diabetes in 777 b
Anorexia nervosa - glucose metabolism 519 A
Antibody - albumin - assay - sandwich ELISA 639
- - Type 1 diabetes 639
- anti-immunoglobulin - characteristics - diabetes 464 A
- glycated albumin - Type 1 diabetes 639
- insulin - assay - precision 395
- - assay - RIA and ELISA: advantages and pitfalls 694
- - corrected binding, distribution 395
- - auto- - C-peptide and 647
- - - insulin antibody (exogenous) and 647
- - - islet-cell antibody and 647
- - - NOD mouse - ontogeny 322
- - - polymorphisms - Type 1 diabetes, association 670
- - - standardisation workshop 449 w
- - - Type 1 diabetes - clinical course 129
- - - - families 741
- - - - ICA and 129, 146
- - - - viral serology and 146
- islet-cell - assay - M_r64000 antigen immunoprecipitation 597
- - - substrate pancreas 511 A
- - cytoplasmic - standardisation workshop 451 w
- - diabetes - Type 1 - families - metabolic testing 468 A
- - M_r64000 antigen-specific - Type 1 diabetes 597
- - NOD mouse - ontogeny 322
- - population study - 10 years 474 A
- - stimulating 558 A
- - - hypoglycaemia, cause of 560 A
- - Type 1 diabetes - families 741
- - - - insulin-secretion 538 A
- - - insulin autoantibody and 129, 146
- - - prospective study 189
- ssDNA - heparan sulphate cross-reactivity 551 A
Antidiuretic hormone - plasma - insulin, lack of effect of 714 c
Antigen - B-cell, pancreatic - M_r64000 - structure 466 A
- islet tumour cell - diabetes 486 A
- islet-cell - M_r64000 - not confined to B-cell 540 A
- presentation - Langerhans cell, epidermal 632
Apolipoprotein - measurement 485 A
- serum - Type 1 diabetes 195
Arachidonic acid - conversion from dihomogammalinolenic acid 523 A
Arterial disease in diabetes - insulin atherogenicity 71 r, 404
Artery - calcification - medial - diabetes mortality and 16
- cell culture - diabetic serum, effect of 475 A
- prostaglandin synthesis in diabetes - adrenergic receptors 681
Atherosclerosis - insulin and 71 r
- insulin and 404
ATPase - Na^+/K^+ - leucocyte - diabetes 821
- ouabain-sensitive - nerve - neuropathies in rat 379
Atrial natriuretic peptide - diabetes - hyporeninaemic hypoaldosteronism 506 A
- islet effect 511 A
- hypoglycaemia 816
Autoimmunity - polyendocrine - family study 463 A

B

β-adrenergic receptor blockade [see Pindolol]
β-endorphin - insulin release, effect on in man 494 A
B-cell, pancreatic [see also Insulin, Insulin-secreting cell]
- adenosine and adrenaline, effects of 470 A
- alloxan, effect of 337 r
- Ca^{++} [see also Insulin - release - Ca^{++}]
- - current - mouse 465 A
- - cytosolic - cyclic variations 496 A
- - - fatty acids, effect of 482 A
- - - redox state and 533 A
- - transport - regulation by lysophospholipids 538 A
- chloride channel - GABA-stimulated 542 A
- crinophagy - islet insulin: C-peptide ratio 541 A
- electrical activity, glucose-induced - K^+ channels 474 A
- function - Type 1 diabetes, first 2 years 664
- glucose, desensitisation to 494 A
- K^+-flux - G-channel 473 A
- massive synchronous necrosis 46
- protein kinase C - distribution 534 A
- purinoreceptors, A_1 531 A
- streptozotocin toxicity - glucose level and 168
- transfection, oncogene - replication, effect on 558 A
Basement membrane - retinal capillary - diabetes - islet allograft 175

Blindness - diabetes - Central Africa 88
Blood - coagulation - Factor VII - hyperglycaemia, effect of 889
- - fibrin processing - diabetes 825
- - fibrinolysis - diabetic microangiopathy 529 A
- flow - capillary - measurement - television microscopy 652
- - skin - hypoglycaemia, effect of - regional variation 98
- - - laser Doppler flowmetry 98
- pressure [see also Hypertension; Natriuresis; Sodium]
- - blood glucose and 552 A
- - diabetes 76
- - prediabetes - albuminuria, prediction of 509 A
- - risk factor for Type 2 diabetes 798
Bone - GLA-protein [see Osteocalcin]
- metabolism - osteocalcin - diabetes 892
Brown adipose tissue - lactation - insulin resistance 475 A
Bullosis diabeticorum 567 r

C

Calcification - artery - medial - diabetes mortality and 16
Calcitonin-gene-related peptide - insulin secretion, effect on 531 A
Capillary permeability in diabetes - insulin, effect of 550 A
- trial treatment 553 A
Cardiomyopathy - diabetes 783
- diabetic - reversibility 546 A
Cardiovascular risk factors in diabetes - proteinuria and 529 A
- Ethiopia 361
Cataract - diabetes - Central Africa 88
Cathepsin D 119
Cheiro-arthropathy - diabetes 567 r
Cholecystokinin - insulin secretion 271
- islet, effects on 508 A
- phenylalanine administration, effect of 271
- receptor - antagonist - islet effects 507 A
Chromium - sand rat, in 329
Clamp - glucose - hyperinsulinaemic - somatostatin 228
CMSG/1988 459
Collagen - glycation - ascorbic acid, inhibition by 546 A
- skin 567 r
- Type IV - kidney - hydroxylation in diabetic rat 497 A
Complement - Bf - diabetes - Type 1 896
- C4 - diabetes - Type 1 896
Complications of diabetes - late 776 w
- Type 1 - metabolic control, rôle of 527 A
- - risk factors 520 A
Computer [see also Insulin - infusion]
- diabetes unit management, use in 518 A
Control of Metabolism Study Group (CMSG/1988) 459
Copper - sand rat, in 329
Coxsackie [see Virus - Coxsackie]
CSII [see Insulin - infusion - SC]
Cyclosporin A - hirsutism - 5-alpha-reductase stimulation 555 A
- immune response, effect on - insulin 478 A

D

Dawn phenomenon - cholinergic blockade, effect of 466 A
- growth hormone, rôle of 607
DESG/1988 458
Diabetes - atypical insulin-dependent 127 c
- classification 127 c
- - use of IVGTT, first-phase insulin response 592
- non-insulin-dependent - insulin release 65
- - streptozotocin - rat 304
- streptozotocin-induced - neonatal rat - insulin release 65
- Type 1 [see also Prediabetes - Type 1]
- - age at onset - rate of progression and 664
- - B-cell function decline - factors affecting 664
- - childhood - metabolic control 351
- - heterogeneity - cyclosporin A, response to 517 A
- - - HLA-DR3 haplotypes and age 896
- - - islet-cell antibody persistence 189
- - immunology 129, 146
- - immunotherapy [see Immunotherapy]
- - islet histology - massive synchronous B-cell necrosis 46
- - nicotinamide treatment 552 A
- - prediction - Lyon family study 741
- - remission 129, 518 A
- - - initial control, effect of 479 A
- - - insulin secretion 529 A
- - - nicotinamide, effect of 533 A
- - risk factors - thyrogastric antibody 505 A
- - twins - proinsulin, plasma 182
- - - concordance rate 747
- - viruses 146
- Type 2 - animal model - streptozotocin - neonatal rat 65
- - clamp study - euglycaemic 585
- - complications, prevalence of 492 A
- - genetics - chromosome 11 linkage? 529 A
- - glucose metabolism, intracellular 485 A
- - pathophysiology - insulin - resistance 488 A
- - risk factors 479 A, 798
- - treatment - exercise 902
- - - failure 186 c
Diabetes and Nutrition Study Group (DNSG/1988) 459
Diazoxide - insulin-secretion inhibition - mechanism 510 A
Diet - carbohydrate - French foods 465 A
- - simple *versus* complex 477 A
- diabetes - EASD study group (DNSG/1988) 459
- - education - method 463 A
- - evening primrose oil 576
- - exercise, adjustment in 35
- - fatty acid, ω-3 484 A, 511 A
- - fibre 475 A
- - - CSII patients 153
- - fish oil 532 A
- - sugars - one-year study 472 A
- - Type 2 - exercise, effect of 902
- fructose - Type 2 diabetes 509 A
- - normal rat, long-term effect in 536 A
- NOD mouse - diabetes, prevention of 62
- protein - casein - NOD mouse 62
- zinc - diabetic rat 703
Dithiols - alloxan B-cell toxicity, effect on 337 r
DNSG/1988 459, 460
Driving motor vehicles - insulin treatment and 545 A

E

EASD - 23rd General Assembly - minutes 259
- 24th Annual Meeting - Abstracts 462 A
- meetings - How do I get that abstract accepted? 455 c
- Study Group - Artificial Insulin Delivery Systems (AIDSPIT/1988) 458
- - Control of Metabolism (CMSG/1988) 459
- - Diabetes and Nutrition (DNSG/1988) 459
- - Diabetes Education (DESG/1988) 458
- - - late complications 776 w
- - Diabetic Nephropathy (EDNSG/1988) 459
- - Diabetic Pregnancy (DPSG/1988) 460
- - Epidemiology (EDESG/1988) 460
Editorial - Happy New Year 1
- Letter from the (departing) editor 861
Education - diabetes - behavioural determinants and 485 A
- - EASD Study Group (DESG/1988) 458
- - insulin-dependent - elderly patients 501 A
- - intensive 551 A
- - knowledge test 473 A
- - psychological profile 511 A
Embryo [see also Teratogensis]
- diabetes - chondrocyte de-differentiation 546 A
Endothelial cell - glucose, effect of - polyol pathway 500 A
- plasminogen activator - glucose, effect of 516 A
- proliferation - diabetes - monocyte, inhibition by 498 A
- - glucose excess, irreversible effect of 537 A
Endothelium - electrical charge - diabetes 618
Epidemiology - diabetes - elderly - long-term trends 521 A
- - European Study Group (EDESG/1988) 460
- - Type 1 - England 471 A
- - - Hungarian children 545 A
- - - Lombardy register 492 A
- - - Luxembourg 1977-1986 758
- - - viral correlations - Spain 522 A
- - Type 2 - ethnic differences - Britain 483 A
- renal disease in diabetes - Pima Indians 730
- risk factors for Type 2 diabetes - Sweden 798
- vascular disease in diabetes - Ethiopia 361
Epinephrine [see Adrenaline]
Erythrocyte - electrical charge - imidazole 2-hydroxybenzoate, effect of 492 A

- enzymes - glycation - activity, effect on 495 A
- glucose metabolism - diabetes, effect of - rat 51
- - insulin, effect of - rat 51
- magnesium - accumulation - insulin-mediated 910
- membrane - electrical charge - diabetes 489 A
- sorbitol - glucose concentration, response to 766

Erythropoiesis - diabetes - evening primrose oil, effect of 576
Ethiopia - macrovascular complications of diabetes 361
European Diabetes Epidemiology Study Group (EDESG/1988) 460
Evening primrose oil 576
Exercise - diabetes - endurance skiing 35
- - lipids, effect on 68 c
- - Type 2 - weight-control programme 902
- endurance - cross-country skiing 35
- insulin action, effect on 522 A

Eye [see also Blindness, Cataract, Retinopathy]
- vascular permeability - galactosaemic rat 477 A

F

Factor VII - plasma - hyperglycaemia, effect of 889
Fat - distribution - insulin, plasma 480 A
Fatty acid - distribution - diabetes - Type 1 477 A
- - erythrocyte - diabetes 515 A
- non-esterified - glucose production regulation in diabetes 560 A
- - metabolism - obesity and diabetes 538 A
- ω-6 - dietary supplement in diabetes 576
- oxidation - neonatal development - rabbit 530 A
- palmitate - insulin secretion, effect on - rat islet 687
- tissue composition - evening primrose oil, effect of 576

Ferritin - cationised - endothial charge measurement using 618
Fetus [see also Neonate, Pregnancy, Teratogenesis]
- congenital abnormality - maternal glucose tolerance 134
- diabetic mother - metabolic changes 463 A
- - skeletal development 531 A
- hyperglycaemic mother - later generation, effect on 510 A
- maternal glucose tolerance and 134

Fibrin - cross-linking - diabetes 825
- polymerisation - diabetes 825

Fibrinogen, plasma, in diabetes - diabetic nephropathy and 142
- urinary albumin excretion and 142

Foot - capillary blood flow - television microscopy 652
- diabetes 715 b
- - Finland 536 A
- - periosteal reactions and calcaneal spurs 559 A
- pressure - computerised pedography 540 A
- pressure distribution, dynamic 491 A
- - toe strength 536 A
- ulcer - neuropathic - blood flow abnormalities 498 A

Fructosamine [see also Glycation - serum proteins]
- assay - diabetic children, newly-diagnosed 351
- - HbA_1, comparison 351

Futile cycling - estimation 557 A

G

Galactosaemia - experimental - dog - albumin excretion rate 928
Galanin [see also Insulin - secretion]
- insulin secretion, effect on 511 A, 513 A
- islet function, effect on 514 A
- - pig 520 A

Gallbladder - function - diabetes 513 A
Ganglioside - expression - islets and endocine glands 549 A
- treatment - NOD mouse 855

Gastrin releasing peptide - islet, effects on 559 A
Genetics [see also Linkage analysis]
- diabetes - Type 1 - Afro-Caribbean 864
- - - heterogeneity - HLA-DR3 haplotypes and age 896
- - - HLA RFLP 490 A, 751
- - - HLA-DQ 864
- - - North Indian origin 343
- - - twins, concordance rate in 747
- - Type 2 407 r
- - - insulin receptor gene 792
- linkage analysis - insulin receptor gene and MODY 792
- MODY - linkage studies 778 c
- molecular - diabetes - Workshop 636 w

GIP (glucose-dependent insulinotropic polypeptide)
- synthetic human - insulin secretion, effect on 492 A, 525 A

Glicentin [see Proglucagon-derived peptides]
Glomerular, Glomerulus [see also Albumin excretion, Nephropathy]
- charge selectivity in diabetes - metabolic control and 708
- filtration rate in diabetes - acetazolamide, effect of 806
- - protein restriction, effect of 878
- permselectivity - dopamine, effect of in diabetes 493 A
- ultrastructure in diabetic nephropathy - filtration rate and 265

Glucagon [see also Proglucagon-derived peptides]
- glucoregulation by - thyroid status, effect of 368
- glucose production, effect on 478 A
- intranasal 463 A
- nitrogen metabolism, effect on in diabetic rat 836
- pancreatic - assay - ethanol extraction 235
- - secretion - regulation - *fa/fa* rat 235
- receptor - retina 539 A

Glucagon-like peptide [see also Proglucagon-derived peptides]
- adipocyte, effect on 538 A
- GLP-1, natural - action 502 A
- insulin-secreting cell, effect on 543 A
- truncated - TGLP-1 - action 500 A

Glucocorticoid - glucose tolerance, effects on 474 A
- - after kidney transplantation 488 A

Glucokinase - alloxan, inhibition by 337 r
Gluconeogenesis - diabetes, Type 2, increase in - mechanism 481 A
Glucopenia - insulin secretion, inhibition of - BB rat 225
Glucose - anomer - insulin release by - NIDDM rat 65
- blood - home monitoring - hospital admissions, effect on 502 A
- disposal - diabetes - Type 2 - oxidative *versus* non-oxidative 585
- homeostasis - opioid peptides in 3 r
- - thyroid status, effect on - miniature pig 368
- liver uptake [see Liver]
- metabolism - erythrocyte - rat 51
- production - measurement 518 A
- sensor - needle - materials 554 A
- summed 134
- tissue monitoring - telemetry 534 A
- tolerance - impaired - macrovascular disease association 561 A
- - test - IV - age, effect of 430
- - - - first-phase insulin response 123, 454 c
- - - - normal pregnancy 134
- - - - Type 2 *versus* pre-Type 1 diabetes 592
- - - oral 68 c
- transport - glucose-induced modulation - muscle 558 A
- - heart - rat 108
- - measurement - forearm 473 A
- - regulation - rat adipocyte 525 A
- transporter - adipocyte - insulin, effect of 507 A
- - assay - cytochalasin B binding 108
- - mRNA - adipose tissue - *fa/fa* rat 498 A
- turnover - insulin & glucose delivery route, effect of 511 A
- - measurement - priming, importance of 502 A
- - non-insulin-dependent diabetes - rat 304
- utilisation - intestine-pancreas, perfused, rat 916

Glucose-dependent insulinotropic polypeptide [see GIP]
Glucosylation [see Glycation]
Glycation [see also Fructosamine; HbA_1; Lipoprotein]
- advanced endproducts - endothelial cell, effect on 555 A
- - immunogenicity 510 A
- albumin - assay - HPLC 627
- - glomerular filtration, effect on 708
- - renal clearance - control of diabetes, effect of 537 A

Glycation - D-lysine, inhibition by - kinetics 542 A
- fibrin - impaired cross-linking, correlation with 825
- LDL 126 c
- lens protein - assay - glucitol-lysine RIA 221
- serum proteins - clinical value in diabetic nephropathy 519 A
Glycogen - synthase - reduced activation in diabetic rodents 711
- synthesis - non-insulin-dependent diabetic rat 304
Glycosylation [see Glycation]
Granuloma annulare 567 r
Growth [see also IGF-I]
- factor - epidermal (urogastrone) - diabetes 514 A
- - insulin-like [see IGF-1]
- hormone - dawn phenomenon, rôle in 607
- - deficiency - insulin-binding, increased 484 A
- - diabetes - metoclopramide, effect of 478 A
- - GHRH, response to - incipient diabetic nephropathy 531 A
- - glucose uptake in man, effect on 541 A
- - islet, effects on - direct and IGF-I-mediated 547 A
- - - IGF-I not sole mediator 526 A
- - secretion - diabetes 539 A
GRPP [see Proglucagon-derived peptides]

H

Haemoglobin - glycated [see Glycation; HbA_1]
Haemostasis [see also Blood - coagulation]
- diabetes - dietary influences 556 A
- - Type 1 - metabolic control, effect of 540 A
HbA_1 - diabetes - sensory nerve function - rat 247
- - children, newly-diagnosed 351
- myocardial infarction outcome and 201
Hearing loss in diabetes 462 A
Heart [see also Mortality]
- coronary artery disease - hypertensive diabetics 553 A
- - risk factors - diabetes 518 A
- - - - Africans 543 A
- - - hyperinsulinaemia 561 A
- diabetes - coronary artery disease - urinary albumin excretion and 82
- - echocardiography 541 A
- - - and radionucleide ventriculography 552 A
- - exercise, response to 510 A
- - left ventricle, impaired - albumin excretion rate 504 A
- - myocardial infarction 201
- echocardiography - diabetes - microalbuminuria 539 A
- function - diastolic - diabetes, impaired in 783
- glucose transport - regulation - rat 108
- lactate metabolism 486 A
- myocardial infarction - outcome - glycated haemoglobin and 201
- myocyte - glucose transport 488 A
Hemoglobin [see Haemoglobin]
Hepatocyte - glycogen synthase phosphatase - diabetic rodents 711
Hepatoma cell - metformin, effect of 385
Histamine - tissue synthesis - diabetic rat 494 A
HLA [see also MHC]
- Class II - diabetes, Type 1 521 A
- - - North Indian origin 343
- Class II-B - diabetes, Type 1 505 A
- D - diabetes - Type 1 - Afro-Caribbean subjects 521 A
- diabetes - Type 1 - DR 3,4 heterozygosity effect 523 A
- - - family study 517 A
- - - islet-cell antibody persistence and 189
- - Type 2 186 c
- DNA haplotypes - diabetes - Type 1 751
- DQ - diabetes, Type 1 751
- - - trans-racial study 864
- - oligonucleotide probes - Type 1 diabetes susceptibility 751
- - RFLP 343
- - site-specific antisera - diabetes, Type 1 487 A
- DR - diabetes - Type 1 896
- DR4-DQw3 haplotype - diabetes, Type 1 542 A
- extended haplotypes - diabetes - Type 1 896
- haplotypes, specific - heterogeneity of Type 1 diabetesHLA 896
- RFLP 864, 896
- segregation 495 A
- segregation in Type 1 diabetes families 470 A
- - multiplex - maternal effect 486 A
HPLC (High-performance liquid chromatography)
- glycated albumin 627
Hyperfiltration [see Glomerulus; Nephropathy]
Hyperinsulinaemia - insulin receptor subcellular distribution, effect on 922
- thermoregulatory and cardiovascular effects 541 A
- trace metal metabolism, effect on 329, 858 c
Hypertension [see also Blood - pressure; Sodium; Natriuresis]
- diabetes - albumin excretion rate and retinopathy 556 A
- - insulin & atrial natriuretic peptide, rôles of 519 A
- - pathogenesis 480 A
- - treatment with prazosin 415
- rat 291
- siblings of Type 2 diabetic patients 76
- Type 2 diabetes - prevalence in 76
Hyperthermia - hormonal & metabolic effects 523 A
Hyperthyroidism - gluconeogenesis, effect on 470 A
Hypoglycaemia [see also Glucagon, Glucopenia]
- angiotensin II, plasma, effect on 816
- atrial natriuretic peptide, plasma, effect on 816
- counter-regulatory response - diabetes, Type 1 421
- gluconeogenesis, stimulation of - mechanism 481 A
- human *versus* animal insulin 454 c
- hypothalamo-pituitary response - diabetes, Type 1 421
- infancy - persistent hyperinsulinaemia 507 A
- insulin resistance following - adrenaline, possible rôle 603
- oxidative fuel metabolism - diabetes, Type 1 477 A
- platelet aggregation, effect on - catecholamine rôle 525 A
- post-prandial - consensus statement 68 c
- pupillary constriction latency 485 A
- reactive - consensus statement 68 c
- renin, plasma, effect on 816
- skin blood flow, effect on 98
- - diabetes 552 A
- somatosensory evoked potentials 548 A
- sympathetic nervous activity - glucopenia, rôle of 469 A
- treatment - oral carbohydrate, different forms 544 A
- unawareness - human *versus* animal insulin 453 c
- - prevalence 501 A
Hypoglycaemic agent [see also Sulphonylurea, Biguanide]
- M&B 39890 - islet function, effect on 530 A
- M&B 39890A - rat hepatocyte, effects on 523 A
- oral benfluorex 478 A
- - insulin, combined therapy with 496 A
- - midaglizole - α_2-blocking agent 657
- - secondary failure 491 A
- - - HLA phenotypes 186 c
- - - insulin in combination 206
- - - insulin, temporary 550 A
- - - Type 1 diabetes? 534 A
- - *Tinospora crispa* extract 526 A
Hypothesis - falling in love with 71 r, 404
Hypothyroidism - insulin action in - rat adipocyte 464 A

I

IGF-1 (insulin-like growth factor 1)
- receptor - muscle - diabetes 465 A
- binding protein, serum - exercise, effect of 546 A
- circulating - protein binding - diabetic retinopathy 543 A
- diabetes - metabolic control, effect of 495 A
- gene expression in uterus - streptozotocin diabetes 842
- glomerular cells, synthesis by 481 A
- insulin-like effects - diabetic dog 493 A
- islet cell, production by 540 A
- kidney - diabetes and nephrectomy 305
- mRNA - fasting and diabetes 473 A
- receptor - muscle, skeletal - diabetes, Type 2 871
- receptor - tyrosine kinase activity 871
Immunotherapy - diabetes - Type 1 - islet-cell antibody and 495 A
Impotence - diabetes - cardiac autonomic tests 552 A

Incretin - GLP-1 563 r
- cholecystokinin 271
Instructions to Authors: see Advertisement pages, January and July issues
Insulin [see also Hyperinsulinaemia]
- absorption - storage temperature, effect of 811
- action - cell-membrane phospholipid 315
- - erythrocyte glucose metabolism 51
- - heart 108
- - metabolic effects in Type 1 diabetes 534 A
- amyloid-fibril protein 158
- analogue - long-acting 512 A
- - ultra-fast - man 507 A
- antigenic sites - receptor-binding site, comparison 539 A
- assay - haemolysis, effect of 403 c
- - immunoradiometric - diabetes, Type 2 548 A
- atherogenicity 71 r, 403 c, 404
- autoantibody [see Antibody - insulin - spontaneous]
- clearance - man 549 A
- conjuctival administration - absorption 526 A
- delivery systems - EASD Study Group (AIDSPIT/1988) 458
- device - refillable implant 557 A
- dose - exercise 35
- - computer 470 A, 499 A
- gene - expression - rat insulins I and II 514 A
- - human - 5'VNTR polymorphism 515 A
- - mutant - B10-aspartic acid - proinsulin release 497 A
- - recombinant - liposome-mediated transfer 512 A
- - regulation - nuclear factor 472 A
- - RFLP - diabetes - Type 2 - coronary artery disease and 504 A
- - variants - diabetes, Type 2 524 A
- hepatoma cell, effect on - metformin, effect of 385
- infusion - device - implantable 542 A
- - intraperitoneal - therapeutic value 524 A
- - SC - children 30, 544 A
- - - depot size 501 A
- - - dietary fibre and 153
- - - interruption - insulin antibodies, effect of 524 A
- - - lipids, effect on 30
- - - long-term 535 A, 545 A
- - - metabolic effects 30
- injection - local amyloidosis 158
- intraperitoneal - long-term in man 500 A
- - metabolic effects 521 A
- lipoprotein metabolism, rôle in 717 r
- mixture - temperature: effect on kinetics - soluble + lente 811
- - - soluble + NPH - 811
- mutants - nuclear magnetic resonance 558 A
- pharmacodynamics - storage temperature, effect of 811
- pharmacokinetics - storage temperature, effect of 811
- preparations - bacteriostatic capacity 553 A
- - human *versus* animal - hypoglycaemia 453 c, 454 c
- protein translocation, effect on 512 A
- receptor - autophosphorylation - leprechaunism 612
- - cooperative site, domain binding 484 A
- - gene - MODY - linkage analysis 185 c, 792
- - - RFLP - diabetes - Type 2 528 A
- - - variants - diabetes, Type 2 534 A
- - insulin binding - leprechaunism 612
- - - regulation 493 A
- - - substrate 497 A
- - - - M,60000 serine kinase 488 A
- - - synthetic analogue 479 A
- - kinase-deficient - internalisation 535 A
- - liver subfractions - *fa/fa* rat 922
- - mutant - insulin resistance 476 A
- - - mitogenic and rapid effects separated 537 A
- - - Phe 115/116 - binding 559 A
- - probe - antibody to deduced sequences 468 A
- - stimulating antibody - bone-marrow graft, following 536 A
- - subcellular distribution - *fa/fa* rat 922
- release - acesulfame K, stimulation by 499 A
- - adrenergic and cholinergic regulation 541 A
- - Ca^{++} - cytosolic 465 A
- - carbachol-mediated - calmodulin antagonist, effect of 488 A
- - clonidine, inhibition by - ATP-sensitive K^+ channels 537 A
- - diabetes - non-insulin-dependent - rat 65
- - glucose-inhibited 501 A
- - glucose-stimulated - Ca^{++}, cytoplasmic 469 A
- - leucine-induced - amplification effect 435
- - phosphoinositides, possible rôle 435
- - phospholipase A_2 activation, rôle in 547 A
- reponse - first-phase - variability 123, 454 c, 637 c
- resistance - adrenaline-induced 603
- - chronic hyperglycaemia, effect of 228
- - chronic hyperinsulinaemia, experimental 520 A
- - diabetes - Type 1 526 A
- - - Type 2 585
- - - - glucose oxidation 483 A
- - - - hypertension, with 415
- - erythrocyte magnesium accumulation impaired in 910
- - high-fat diet, induced by - exercise, effect of 532 A
- - hyperinsulinaemia-induced - rat 483 A
- - IGF-I receptor normal in 871
- - lipolysis, induced by 285
- - non-insulin-dependent diabetes - rat 304
- - obesity with diabetes - dexfenfluramine, effect of 540 A
- - phlorizin-induced 228
- - prazosin, effect of 415
- - starvation - rat 509 A
- - streptozotocin diabetes - phlorizin, effect of 532 A
- SC - absorption - stress, effect of 489 A
- - - temperature 549 A
- - thigh *versus* abdomen 491 A
- secretion - arginine-induced - glycopenic inhibition - BB rat 225
- - 2-methylthio ATP-stimulated - purinoceptor, P_{2y} 535 A
- - catecholamine, inhibition by 524 A
- - fatty acids, effect of - diabetic rat 497 A
- - first phase - mouse, C57BL/KsJ-*mdb/mdb* 375
- - glucose-stimulated - fetal rat 537 A
- - - first-phase response 123, 454 c
- - - - prediabetes Type 1 592
- - - puberty, effect of 430
- - insulin overtreatment, effect of 621
- - neural control - galanin 487 A
- - oscillation - absence 519 A
- - palmitate dependence - rat 687
- - somatostatin, inhibition by 503 A
- secretory granule - protein synthesis regulation 498 A
- sensitivity - hyperglycaemia, acute effect of 531 A
- - measurement - glucagon, importance of 525 A
- - - stable-label IVGTT 550 A
- stability [see also Insulin - storage]
- - long-term - HOE 21 PH insulin 539 A
- storage - temperature - effect on absorption 811
- treatment - devices - pen injector - SC catheter 520 A
- - diabetes, Type 2 [see also Hypoglycaemic agent - oral; Sulphonylurea]
- - - hyperinsulinaemia 514 A
- - - non-obese 473 A
- - early-morning hyperglycaemia [see Dawn phenomenon]
- - excessive - islet B-cell function, effect on 621
- - intensive - 3 regimens compared 493 A
- - - dietary fibre and 153
- - - islet B-cell function, effect on 516 A
- - - nitrogen balance, effect on 114
- - Type 1 diabetes - nocturnal growth hormone 607
Insulin-producing cell - ADP/ATP carrier expression 558 A
- peptidylglycine α-amidating monooxygenase 529 A
- RINm5F - D-hexose, effects of 468 A
- - passage in NEDH rat enhances function 547 A
- - MHC Class I and II expression 675
- transfection [see also Insulin - gene; Transfection]
- - oncogene c-Ha-ras 499 A
- Ca^{++} - cytosolic - carbamylcholine, effect of 533 A
- - influx - calmodulin antagonist, effect of 538 A
- HIT-T15 - ATP-sensitive K-channels 507 A
- rat - Ca^{++} regulation 490 A
Insulinoma - diagnosis - insulin resistance 532 A
Insulinotropin [see Proglucagon-derived peptides]
Insulitis - BB rat - macrophage depletion, effect of 400, 779 c
- NOD mouse - ontogeny 322
Interferon - γ - MHC expression, effect on - RINm5F cell 675

Interleukin - 1 - insulin release, effect on 560 A
- 1B - B-cell, pancreatic, effects on 500 A, 539 A
Intestine - epithelial cell - cholesterol synthesis - metformin & insulin 524 A
- - glycolysis 489 A
Intestine-pancreas - perfused - rat - glucose homeostasis 916
Islet [see also B cell, Insulin]
- Ca^{++} - flux - palmitate dependence 687
- cell - MSL-G2 - human insulin gene transfection 516A
- cholinergic receptor subtypes 554 A
- culture - hollow fibres 561 A
- - glucose concentration, long-term effect of 547 A
- fetal rat - TRH in 554 A
- GSH/GSSG ratio - insulin release and 464 A
- immunogenicity - cryopreservation 490 A
- ionic flux - calmodulin antagonist, effect of 556 A
- - regulation - pH, rôle of 470 A
- isolation - pig 476 A
- - pig 518 A
- microencapsulated - function 479 A
- - insulin release 54
- phospholipid synthesis - palmitate dependence 687
- prostaglandin synthesis - starvation and pregnancy 496 A
- protein synthesis 241
- - cationic amino acids, effect of 241
- secretin, effect of 509 A
- transglutaminase - substrates 497 A
Islet cell - antibody [see Antibody]
- antigen - characterisation 523 A
- cultured - pseudo-islets in collagen gel 528 A
- - fetal - polyamines, importance 544 A
Isoprenaline - C-peptide and insulin levels, effects on 495 A
- insulin-receptor kinase modulation - rat adipocyte 508 A
Isoproterenol [see Isoprenaline]

J

Joint - diabetes - hyperostotic spondylosis 504 A
- mobility, limited - immunohistochemistry 464 A

K

Kallikrein, glandular - plasma - exercise, effect of 509 A
Ketogenesis 24
- exercise-induced, glucagon in 557 A
Ketone body - clamp technique 24
- clearance - insulin, effect of 24
Kidney [see also Albumin excretion, Glomerular, Haematuria, Nephropathy, Urine]
- albumin clearance - glycated/non-glycated 708
- diabetes - acetazolamide, effect of 806
- - angiotensin converting enzyme inhibitor 494 A
- - dietary protein restriction 530 A, 878
- - enalapril 514 A
- - islet transplantation, effects of 533 A
- - near-normoglycaemia 471 A
- disease - end-stage - diabetic Pima Indians 730
- insulin, effect of 544 A
- growth - IGF-I - diabetic rat 491 A
- haemodynamics - diabetes 504 A
- - - protein meal, effect of 490 A
- hypertrophy - IGF-I - diabetes and nephrectomy 305
- membrane phospholipid - diabetic rat 315
- protein synthesis - glucose concentration, effect of 469 A

L

Lactate - production - intestine-pancreas preparation 916
Laminin - serum - renal disease and 496 A
- urinary - diabetes 528 A
LDL (low-density lipoprotein) [see Lipoprotein - LDL]
Lens protein glycation - assay 221
- diabetic rat 221
Leprechaunism - insulin receptor defects 612
Leucine - insulin release, effect on 435
- sodium efflux - diabetes 821
Linkage analysis - diabetes - Type 2 407 r
- insulin receptor gene and MODY 185 c
Lipid [see also Lipoprotein]
- diabetes - oxidation 585
- - peroxidation 464 A
- - exercise 68 c
- - microalbuminuria 505 A
Lipolysis - β-hydroxy butyrate, inhibition by 484 A
- glucose metabolism, effect on 285
- insulin resistance induced 285
Lipoprotein - diabetes 717 r
- - metabolic control, effect of on composition 884
- - albumin excretion and 487 A
- LDL - glycated - cholesterol homeostasis, effect on 552 A
- - lymphocyte response to - hypercholesterolaemia 529 A
- - metabolism - diabetes 516 A
- - non-enzymatic glycosylation 126 c
- plasma - diabetes - diabetic nephropathy and 142
- - - urinary albumin excretion and 142
- serum - diabetes - Type 1 195
- VLDL - composition - diabetes - glycaemic control 536 A
- - diabetes - control, effect of 884
- - subfractions - Pima Indians 530 A
Lithium clearance - acetazolamide, effect of - diabetes 806
Liver - glucose output - fasting 480 A
- glucose uptake - nervous system, rôle of 462 A
- glycogen - carbon source 505 A
- membrane phospholipid - diabetic rat 315
- nitrogen - clearance - diabetes 463 A
Lymphocyte - mitogenesis - zinc, effect of - diabetic rat 703
- oligo-adenylate synthetase - vaccination - diabetes 473 A
- subpopulations - hypoglycaemia, effect of 486 A
- T - activated - diabetes, Type 1 481 A
- - $OKT8^+$ - diabetes, Type 1 - long-term 506 A
Lymphokine - insulin-releasing effect 508 A
Lysosome - cathepsin D - diabetic rat 119

M

Macroangiopathy [see Arterial disease; Vascular complications]
Macrophage - depletion - BB rat, effects in 400, 779 c
- silica, depletion by 400, 779 c
Magnesium - erythrocyte - diabetes 910
- - insulin-mediated accumulation 910
Malnutrition - glucose homeostasis 403 c
Management of diabetes - Type 2 - general practitioner 479 A
Maturity-onset diabetes in youth (MODY) [see MODY]
Metabolic control of diabetes - albumin excretion, effect on - dog 928
- sensory nerve function - rat 247
- glomerular charge selectivity 708
- lipoprotein composition, effect on 884
- personality and 545 A
Metabolic regulation - opioid peptides in 3 r
Metal - trace [see Trace metal]
Metformin - effects - insulin release 493 A
- - rat hepatocyte 520 A
- - glucose transporter translocation 519 A
- - hepatoma cells 385
- - intracellular insulin processing 469 A
- - lactate production 467 A
MHC - NOD mouse and related strains 254
- RINm5F insulin-producing cell - γ-interferon, effect of 675
Microalbuminuria [see also Albumin excretion, Angiotensin, Haematuria, Kidney, Microangiopathy, Nephropathy, Urine]
- diabetes - early hyperfiltration and 723
- - hypertension, relationship with 519 A
- - peripheral vascular disease marker 546 A
- - plasma lipoproteins 142
- - protein-restricted diet, effect of 878
- mortality, predictor of 483 A
Microangiopathy, diabetic - morphometry 549 A
- pericyte *myo*-inositol depletion and 771
Midaglizole 657
MODY (Maturity-onset diabetes in youth)
- genetics - insulin receptor gene 185 c
- - linkage studies 778 c
Monkey - rhesus - diabetes, non-insulin-dependent 500 A
Mortality - cardiovascular - diabetes - mechanism 483 A
- - - Whitehall study 737
- diabetes - medial arterial calcification and 16
- - Type 1 522 A
Mouse - cataract Shionogi - MHC complex 254

- *db/db* - glycogen synthase phosphatase, liver 711
- diabetic - alloxan - skeletal muscle 103
- - C57BL/KsJ-*mdb/mdb* 375
- - KK-CA^{y} - skeletal muscle 103
- NOD (non-obese diabetic)
- - diabetes - diet, prevention by 62
- - - EMC virus 555 A
- - - ganglioside treatment reduces incidence 855
- - - - difference from BB rat 559 A
- - - immunomodulation 472 A
- - - lactate dehydrogenase virus, effect of 547 A
- - insulitis 485 A, 491 A
- - islet - IL-2 543 A
- - MHC complex 254
- - orchiectomy, effects of 560 A
- - prediabetic changes 322
- - related strains - cataract Shionogi 254
- - - non-obese non-diabetic 254

Mumps [see Virus - mumps]

Muscle - skeletal - electrical properties - diabetes 103
- - exercise - capillary basement membrane 557 A
- - function - diabetic rat 482 A
- - glucose disposal - diabetes - Type 2 522 A
- - glucose metabolism - hyperinsulinaemia, effect of 507 A
- - glucose uptake - immobilisation, effect of 535 A
- - IGF-I receptor 871
- - inactivity - insulin sensitivity, effect on 499 A
- - lipoprotein lipase 508 A
- smooth - arterial - *myo*-inositol uptake 502 A

Myo-inositol - pericyte, microvascular - diabetic rat 771

N

Natriuresis - volume expansion, induced by - diabetes 551 A

Necrobiosis lipoidica 567 r

Neonate [see also Fetus, Pregnancy, Weaning]
- B-cell, pancreatic - maternal hyperglycaemia, effect of 547 A
- diabetic mother - feeding 481 A

Neopterin - insulin dependence, prediction of 484 A

Nephropathy, diabetic [see also Albumin excretion, Angiotensin, Haematuria, Kidney, Microalbuminuria, Microangiopathy, Urine]
- acetazolamide treatment 806
- angiotensin converting enzyme inhibition 482 A, 530 A
- animal model - diabetic hypertensive rat 291
- dietary protein restriction - renal effects 531 A
- early hyperfiltration and 723
- end-stage - Pima Indians 730
- European Study Group (EDNSG/1988) 459
- glomerular filtration rate - ultrastructure 265
- incipient - permselectivity indices 476 A
- mesangial lesion - hypertension and 471 A
- plasma fibrinogen 142
- plasma lipoproteins 142
- prevalence - GDR 561 A
- risk - age and 485 A
- tubular function 488 A
- WBN/Kob rat 524 A

Nerve - autonomic - conduction velocity 503 A
- axonal transport - galactosaemic rabbit 443
- biopsy - sural 162
- compression - neuropathy, in - aldose reductase inhibitor effect 443
- diabetes - hypoxia 762
- - ischaemia, resistance to 762
- - *myo*-inositol diet - rat 297
- function - diabetes - metabolic control and 247, 562 A
- histology - diabetic rat - islet transplantation, effect of 542 A
- Na^+/K^+-ATPase - streptozotocin diabetes 297

Nervous system, central - diabetes - multimodal evoked potentials 533 A

Neuropathy - diabetic - aldose reductase inhibitor trial 214
- - autonomic - alcohol and 554 A
- - - ECG - power spectrum analysis 469 A
- - - gallbladder dynamics 497 A
- - - heart function 783
- - - heart-rate variation - overnight 508 A
- - - - spectral analysis 512A
- - - laser-doppler anemometry 468 A
- - - lipolysis, adrenergic regulation of 528 A
- - - metabolic control and 480 A
- - - nasal mucosal microcirculation 521 A
- - - orthostatic hypotension - pindolol 281
- - - pulmonary and oesophageal dysfunction 527 A
- - - sympathetic 553 A
- - capillary blood flow measurement - TV microscopy 652
- - endoneural hypoxia a factor? 762
- - histopathology 162
- - hypoxia, rôle of 518 A
- - Na^+/K^+-ATPase - platelet 546 A
- - nerve ATPase - aldose reductase inhibition, effect 379
- - nerve conduction study - F-wave dispersal 535 A
- - painful - thermal pain threshold 462 A
- - peripheral - diagnosis 466 A
- - rat models - aldose reductase inhibitor 476 A
- - upper limb 214
- galactosaemia - nerve compression, effect of 443
- - rat - nerve ATPase 379
- hereditary motor and sensory Type 1 - diabetic neuropathy 162

Nitrogen metabolism - diabetes - insulin, effect of 114
- - glucagon, effect of 836

NOD mouse [see Mouse]

Nutrition - glucose homeostasis, effect on 510 A

O

Obesity - diabetes Type 2, risk factor for 798
- lipolysis and fatty-acid turnover 527 A
- massive - insulin action - gastroplasty, effects of 515 A
- plasma 1,5-anhydroglucitol 41

Obituary - Renold, A E 335

Oestrogen - islet function, effects on - rat 489 A

Opioid - β-endorphin - hypoglycaemia, response to 421
- β-endorphin - islet 562 A
- endogenous [see β-endorphin]
- peptide - metabolic regulation 3 r

Orthostatic hypotension - pindolol treatment 281

Osteocalcin - diabetes 892
- plasma - diabetes 556 A

Oxyntomodulin [see Proglucagon-derived peptides]

P

Pancreas - bioartificial [see Islet - microencapsulation]
- perfusion - rat 65

Pancreastatin - islet function, effects on 522 A
- perfused porcine pancreas, release from 528 A

Parathyroid hormone - diabetes 892

Peptide YY - mouse 463 A

Pericyte, microvascular - polyol pathway - diabetic rat 771

Peripheral vascular disease [see Arterial disease]

Peroneal muscular atrophy - sural nerve histopathology 162

Phlorizin - insulin resistance induced by 228

Phospholipid - islet - rôle in insulin secretion 435
- plasma membrane - diabetes 315
- - insulin, effect of 315

Pig - miniature - glucagon action and thyroid status 368

Pima Indians - diabetes - end-stage renal disease 730
- - mortality 16

Pindolol - orthostatic hypotension, use in 281

Pituitary - hypoglycaemia, response to 421

Placenta - amino-acid transfer - diabetic rat 501 A
- diabetes - evening primrose oil, effect of 576
- - glucose leak - rat 549 A
- glycogenolysis - diabetic rat 467 A
- β-thromboglobulin - hypoglycaemia, effect of 657
- hypoglycaemia, effect of - α_2-blockade reduces 657
- thromboxane synthesis - diabetes 504 A

Platelets - adhesion receptors - diabetes 551 A
Polyol - 1,5-anhydroglucitol - plasma - diabetes 41, 831
- 1,5-anhydroglucitol - urinary - diabetes 831
- pathway - erythrocyte 766
- - pericyte, microvascular - diabetes 771
Prazosin - insulin sensitivity, effect on 415
Pre-proglucagon gene 563 r
Prediabetes - NOD mouse 322
- Type 1 - antibody - anti-immunoglobulin 483 A
- - family study - Barts-Oxford 430
- - - Lyon 741
- - insulin response in IVGTT 592
- - islet-cell and insulin autoantibodies 741
- - metabolic changes 513 A
- - - importance of age 430
- - metabolic prodrome - heterogeneity 548 A
- - proinsulin, plasma - twin study 182
- - prospective family study 545 A
- - Type 2 diabetes, masquerading as 186 c
- Type 2 798
Prediction - diabetes - NOD mouse 322
Pregnancy [see also Teratogenesis]
- diabetes - EASD study group (DPSG/1988) 460
- - Na^+ transport 533 A
- - newly-diagnosed - Type 1 475 A
- - screening 482 A
- - Type 1 - fetal loss 506 A
- - - South Africa 503 A
- insulin resistance - rat adipocyte 550 A
- normal - IV glucose tolerance - fetal outcome and 134
Preproinsulin - mRNA - pancreatic - insulin-overtreated rat 621
Proglucagon - biosynthesis - cationic amino-acids, inhibition by 241
Proglucagon-derived peptides 563 r
Proinsulin - biosynthesis - cationic amino-acids, inhibition by 241
- conversion - assays 558 A
- - endopeptidases 535 A
- human - assay 355
- human biosynthetic - ^{123}I-labelled 848
- - conversion intermediates - rat 848
- - pharmacokinetics - rat 848
- plasma - diabetes, Type 1 - cyclosporin, effect of 544 A
- - twins of Type 1 diabetics 182
- serum - diabetes, Type 2 355
Prosomatostatin - pig pancreas 470 A
Protein - amino-acid sequence analysis - amyloid 158
- synthesis - insulin-stimulated - indomethacin, effect of 509 A
Protein kinase C [see also B-cell, pancreatic]
- insulin-stimulated - glucose, effect of 486 A
- nerve - diabetic rat 297
Proteinuria [see Albumin excretion, Glomerular, Nephropathy)
Proteolysis - whole-body - measurement 503 A
Psammomys obesus (sand rat) - trace metals 329
Puberty - insulin response in IVGTT, effect on 430

R

Radioimmunoassay - glucitol-lysine 221
Rat - alloxan-diabetic - glycogen synthase phosphatase, liver 711
- BB - autoantibodies 482 A
- - diabetes - dendritic cells, rôle of 556 A
- - - genetics 512 A
- - - insulin sensitivity at onset 468 A
- - - glycogen synthase phosphatase, liver 711
- - insulin secretion - arginine-induced - glycopenic inhibition 225
- - - diabetes onset 225
- - interleukin 2, effects of 475 A
- - macrophage depletion, effects of 400, 779 c
- - normoglycaemic - suppression of anti-islet autoimmunity 498 A
- - nutritional regulator? 474 A
- diabetic - WBN/Kob 561 A
- *fa/fa* - brown adipose tissue - insulin effect 466 A
- - glucagon secretion, pancreatic 235
- - insulin receptor - subcellular distribution 922
- - insulin release 492 A
- nude - streptozotocin-diabetic - islet transplantation 390
- spontaneously hypertensive - streptozotocin diabetic - nephropathy 291
- streptozotocin diabetes, mild 304
Renin - plasma - hypoglycaemia, effect of 816
Renold, A E - obituary 335
Restriction fragment length polymorphism [see RFLP]
Retina - capillary - galactosaemic dog - aldose reductase inhibitor 506 A
- - basement membrane - diabetic rat - islet allograft 175
- function - pattern electroretinogram - diabetes 477 A
- vascular permeability - diabetes 502 A
Retinopathy, diabetic - Central Africa 88
- experimental - insulin treatment, effect of 499 A
- oedematous maculopathy - when to treat 555 A
- progression - predictors 504 A
RFLP (restriction fragment length polymorphism) [see also Genetics]
- MHC - NOD mouse 254
Risk factors - diabetes, Type 2 798

S

Sand rat (*Psammomys obesus*) - trace metals 329
Scintillation scanning - ^{123}I-labelled insulin etc 848
Sclererderma diabeticorum 567 r
Shafrir EE, Renold AE (eds): Lessons from Animal Diabetes II 777 b
Skin - blood flow [see also Blood - flow]
- - hypoglycaemia, effect of 98
- - measurement - thermal clearance probe 496 A
- diabetes 567 r
- - nerves & neuropeptides 513 A
- Langerhans cell - diabetes, Type 1 561 A, 632
Sleep - insulin-treated diabetes - growth hormone and dawn phenomomenon 557 A
Smoking - diabetes - complications, risk factor for 487 A
Sodium [see also Natriuresis]
- efflux - leucocyte - diabetes 821
- intracellular - hypertension with obesity, in 543 A
Somatomedin C [see IGF-1]
Somatostatin [see also Prosomatostatin]
- analogue, SMS 201-995 - therapy in Type 1 diabetes 527 A
- - renal effects in diabetes 532 A
- insulin secretion, effect on - mouse, C57BL/KsJ-*mdb/mdb* 375
Somogyi effect - adrenaline, possible rôle 603
Sorbinil [see Aldose reductase]
Sorbitol [see Polyol]
Spondylosis [see Joint]
Stereology - glomerulus 265
Streptozotocin - diabetes - retinal capillary basement membrane 175
- insulitis 515 A
- islet B-cell effects - glucose concentration and 168
- islet toxicity - glucose and alanine catabolism 488 A
- MHC Class II expression, effect on 508 A
Stress - glucose homeostasis, effect on - intracerebral carbachol model 522 A
Stroke - fatal - diabetes 503 A
- mortality - glycaemia and 492 A
Sulphonylurea [see Hypoglycaemic agent]
- action - B-cell sodium 559 A
- - B-cell, pancreatic 501 A
- - glucose-6-phosphatase 475 A
- - skeletal muscle 467 A
- B-cell, pancreatic, effect on - intracellular ADP 562 A
- binding protein - HIT T15 B-cell 466 A
- glibenclamide - antiarrhythmic effect 476 A
- - haemostatic factors, effects on 474 A
- gliclazide - haemostatic factors, effect on 490 A
- - insulin release, effect on - diabetic rat 542 A
- - insulin sensitivity, muscle, effect on 505 A
- - obese Zucker rat, effects in 544 A
- toxicity with cardiac glycoside 467 A
Superoxide radical - generation by sugars 466 A

T

Taste sensation in diabetes 512 A
Television microscopy 652
Teratogenesis - hyperglycaemia - *myo*-inositol deficiency 500 A

Testosterone - production - diabetic rat 462 A
Thermoregulation - hypoglycaemia 98
Thyroid [see also Hyperthyroidism]
- adipocyte, effect on - glucose transport 524 A
- glucagon action, effect on - miniature pig 368
- TRH-test - diabetes - Type 1 554 A
- triiodothyronine - malic enzyme stimulation - insulin effect 505 A
Thyroiditis - BB rat - macrophage depletion, effect of 400, 779 c
- post-partum - diabetes, Type 1 468 A
Trace metal - serum - hyperinsulinaemia, effect of in women 858 c
- tissue - diabetic hyperinsulinaemic sand rat 329
Transfection [see also Insulin - gene; Insulin-producing cell]
- immunoliposomes - islet B-cells 527 A
Transplantation
- islet [see also Islet - immunogenicity, - microencapsulation]
- - capillary basement membrane thickening, effect on 175
- - EASD Study Group (AIDSPIT/1988) 458
- - function - host hyperglycaemia, effect of 510 A
- - immunoprotected 464 A
- - rejection - passenger leucocyte concept 560 A
- - viability assessment - diabetic nude rat 390
- kidney with pancreas - insulin resistance, effect on 515 A
- pancreas - diabetes, effect on 541 A
- - insulin secretion 487 A
Turner's syndrome - insulin resistance 548 A
Twin - diabetes, Type 1 747
- - proinsulin, plasma 182
Tyrosine aminotransferase - insulin-stimulated - cell cycle 482 A
Tyrosine kinase [see IGF-I - receptor; Insulin - receptor]

U

Urea - synthesis - diabetic rat 114
Uric acid - serum - insulin resistance and 127 c
Urine [see also Albumin excretion, Haematuria, Kidney, Nephropathy]
- 1,5-anhydroglucitol - diabetes 831
- albumin excretion - diabetes 723
- - - childhood 477 A
- - - Type 2 82
- - coronary artery disease and 82
- enzymes - diabetes 525 A
- IgG - subclasses - diabetes 517 A
- proteins, excretion of - diabetes - Asian patients 550 A
Uterus - growth - IGF-I gene expression - diabetes 842

V

Vanadate - oral treatment - insulin-like effect 472 A, 537 A
Vanadium - insulin-like effect - 474 A
Vascular complications of diabetes - Ethiopia 361
- diabetes duration and 737
Vascular disease - cerebral [see Stroke]
Vasopressin - insulin secretion, effect on 514 A
VIP (vasoactive intestinal polypeptide)
- enterocyte, effect on - rat 555 A
- pancreatic B-cell, effect on - ultrastructure 465 A
Virus - Coxsackie - Type 1 diabetes - insulin autoantibodies and 146
- EMC(M) - mouse islet - proinsulin biosynthesis 557 A
- mumps - Type 1 diabetes - insulin autoantibodies and 146
Vitamin - D - 1,25 dihydroxyvitamin D3 - insulin release, effect on 471 A
- D - 1,25-dihydroxy - islet function, effect on 548 A
- - 25-OH - diabetes 892
- - islet-cell, effect on - calbindin 472 A
- E [see α-tocopherol; Diet]
- - protein glycation, effect on 478 A

W

Weaning - insulin sensitivity - adipocyte - rat 489 A
Whitehall study - cardiovascular mortality 737
Workshop - Molecular Genetics of Diabetes Mellitus 636 w
- Standardisation of Cytoplasmic Islet Cell Antibodies 451 w
- Standardisation of Insulin Autoantibody, 2nd 449 w

Z

Zinc - diabetic hyperinsulinaemic sand rat, depletion in 329
- immune function, effect on - streptozotocin-diabetic rat 703

Diabetologia

Clinical and Experimental Diabetes and Metabolism
Organ of the European Association for the Study of Diabetes (EASD)

Editor-in-Chief

M. Berger, Düsseldorf

Deputy Editors-in-Chief

R. M. Denton, Bristol
U. Keller, Basel

Associate Editors

G. Bolli, Perugia
H.-J. Hahn, Karlsburg
P. Halban, Geneva
L. Kennedy, Belfast
V. A. Koivisto, Helsinki
H. Kolb, Düsseldorf
G. Kostner, Graz
J.-P. Riou, Lyon
U. Smith, Göteborg
K. Toyka, Düsseldorf
E. R. Trimble, Belfast
D. H. Williamson, Oxford

Consultant in Statistics

H.-J. Trampisch, Düsseldorf

Editorial Assistant

C. Tripp, Düsseldorf

Assistant Editors

E. A. Chantelau, Düsseldorf
F. W. Kemmer, Düsseldorf
A. A. R. Starke, Düsseldorf

Advisory Board

K. G. M. M. Alberti, Newcastle-upon-Tyne
G. F. Bottazzo, London
E. Cerasi, Jerusalem
W. Creutzfeldt, Göttingen
M. I. Drury, Dublin
P. Lefèbvre, Liège
H. Ørskov, Aarhus
D. Schade, Albuquerque
K. Schöffling, Frankfurt
R. G. Spiro, Boston
R. B. Tattersall, Nottingham

Volume 31/1988

Springer International

Submission of a manuscript implies: that the work described has not been published before (except in the form of an abstract); that it is not under consideration for publication elsewhere; that its publication has been approved by all coauthors, if any, as well as by the responsible authorities at the institute where the work has been carried out; that, if and when the manuscript is accepted for publication, the authors agree to automatic transfer of the copyright to the publisher and that the manuscript will not be published elsewhere in any language without the consent of the copyright holders. All articles published in this journal are protected by copyright, which covers the exclusive rights to reproduce and distribute the article (e.g., as offprints), as well as all translation rights. No material published in this journal may be reproduced photographically or stored on microfilm, in electronic data bases, video disks, etc., without first obtaining written permission from the publisher.

The use of general descriptive names, trade names, trade marks, etc., in this publication, even if the former are not specifically identified, is not to be taken as a sign that such names are exempt from the relevant protective laws and regulations.

While the advice and information in this journal is believed to be true and accurate at the date of going to press, neither the authors nor the editors nor the publisher can accept legal responsibility for any errors or omissions that may be made. The publisher makes no warranty, express or implied, with respect to the material contained herein.

Special regulations for photocopies in the USA: Photocopies may be made for personal or in-house use beyond the limitations stipulated under Section 107 or 108 of U.S. Copyright Law, provided a fee is paid. This fee is US$ 0.20 per page, or a minimum of US$ 1.00 if an article contains fewer than five pages. All fees should be paid to the Copyright Clearance Center, Inc., 21 Congress Street, Salem, MA 01970, USA, stating the ISSN 0012-186X, the volume, and the first and last page numbers of each article copied. The copyright owner's consent does not include copying for general distribution, promotion, new works, or resale. In these cases, specific written permission must first be obtained from the publisher.

Springer-Verlag Berlin Heidelberg New York London Paris Tokyo. Printed in Germany by aprinta, Wemding
Copyright © Springer-Verlag GmbH & Co. KG Berlin Heidelberg 1988

Contents

Full instructions to authors

A 5, Issue No. 1; A 5, Issue No. 7

Editorials

Berger, M.: Happy New Year - 1988 1

Jarrett, R.J.: Is insulin atherogenic? 71

Kostner, G.M., I. Karádi: Lipoprotein alterations in diabetes mellitus 717

Reviews

Conlon, J.M.: Proglucagon-derived peptides: nomenclature, biosynthetic relationships and physiological roles 563

Giugliano, D., R. Torella, P.J. Lefèbvre, F.D'Onofrio: Opioid peptides and metabolic regulation 3

Goodfield, M.J.D., L.G. Millard: The skin in diabetes mellitus 567

Lenzen, S., U. Panten: Alloxan: history and mechanism of action 337

O'Rahilly, S., J.S. Wainscoat, R.C. Turner: Type 2 (non-insulin-dependent) diabetes mellitus. New genetics for old nightmares 407

Originals

Agarwal, V.R., A.K. Rastogi, P. Sagar: In vitro insulin action on erythrocyte glucose metabolism in normal and diabetic rats 51

Akanuma, Y., M. Morita, N. Fukuzawa, T. Yamanouchi, H. Akanuma: Urinary excretion of 1,5-anhydro-D-glucitol accompanying glucose excretion in diabetic patients 831

Almdal, T.P., H. Vilstrup: Exogenous hyperglucagonaemia in insulin controlled diabetic rats increases urea excretion and nitrogen loss from organs 836

Almdal, T.P., H. Vilstrup: Strict insulin therapy normalises organ nitrogen contents and the capacity of urea nitrogen synthesis in experimental diabetes in rats 114

Beaufort, C.E. de, G. Michel, G. Glaesener: The incidence of Type 1 (insulin-dependent) diabetes melliltus in subjects aged 0–19 years in Luxembourg: a retrospective study from 1977 to 1986 758

Beaufrère, B., M. Beylot, C. Metz, A. Ruitton, R. François, J.P. Riou, R. Mornex: Dawn phenomenon in Type 1 (insulin-dependent) diabetic adolescents: influence of nocturnal growth hormone secretion 607

Ceriello, A., D. Giugliano, A. Quatraro, P. Dello Russo, R. Torella: Blood glucose may condition factor VII levels in diabetic and normal subjects 889

Chicheportiche, D., G. Reach: In vitro kinetics of insulin release by microencapsulated rat islets: effect of the size of the microcapsules 54

Christie, M., M. Landin-Olsson, G. Sundkvist, G. Dahlquist, Å. Lernmark, S. Bækkeskov: Antibodies to a M_r-64000 islet cell protein in Swedish children with newly diagnosed Type 1 (insulin-dependent) diabetes 597

Dejgård, A., J. Hilsted: No effect of Pindolol on postural hypotension in Type 1 (insulin-dependent) diabetic patients with autonomic neuropathy. A randomised double-blind controlled study 281

Deschamps, I., A. Marcelli-Barge, J.C. Poirier, O. Cohen-Haguenauer, H. Abderrahim, D. Cohen, H. Lestradet, J. Hors: Two distinct HLA-DR3 haplotypes are associated with age related heterogeneity in Type 1 (insulin-dependent) diabetes 896

Dimitriadis, G., B. Leighton, M. Parry-Billings, E.A. Newsholme: Effects of the diuretic furosemide on the sensitivity of glycolysis and glycogen synthesis to insulin in the soleus muscle of the rat 58

Dische, F.E., C. Wernstedt, G.T. Westermark, P. Westermark, M.B. Pepys, J.A. Rennie, S.G. Gilbey, P.J. Watkins: Insulin as an amyloid-fibril protein at sites of repeated insulin injections in a diabetic patient 158

Doormaal, J.J. van, I.G. Idema, F.A.J. Muskiet, I.A. Martini, H. Doorenbos: Effects of short-term high dose intake of evening primrose oil on plasma and cellular fatty acid compositions, α-tocopherol levels, and erythropoiesis in normal and Type 1 (insulin-dependent) diabetic men 576

Eizirik, D.L., E. Strandell, S. Sandler: Culture of mouse pancreatic islets in different glucose concentrations modifies B cell sensitivity to streptozotocin 168

Everhart, J.E., D.J. Pettitt, W.C. Knowler, F.A. Rose, P.H. Bennett: Medial arterial calcification and its association with mortality and complications of diabetes 16

Farmer, G., G. Russell, D.R. Hamilton-Nicol, H.O. Ogenbede, I.S. Ross, D.W.M. Pearson, H. Thom, D.F. Kerridge, H.W. Sutherland: The influence of maternal glucose metabolism on fetal growth, development and morbidity in 917 singleton pregnancies in nondiabetic women 134

Fletcher, J., C. Mijovic, O. Odugbesan, D. Jenkins, A.R. Bradwell, A.H. Barnett: Trans-racial studies implicate HLA-DQ as a component of genetic susceptibility to Type 1 (insulin-dependent) diabetes 864

Fletcher, J., O. Odugbesan, C. Mijovic, E. Mackay, A.R. Bradwell, A.H. Barnett:

Class II HLA DNA polymorphisms in Type 1 (insulin-dependent) diabetic patients of North Indian origin 343
Flynn, M. D., M. E. Edmonds, J. E. Tooke, P. J. Watkins: Direct measurement of capillary blood flow in the diabetic neuropathic foot 652
Flyvbjerg, A., O. Thorlacius-Ussing, R. Næraa, J. Ingerslev, H. Ørskov: Kidney tissue somatomedin C and initial renal growth in diabetic and uninephrectomised rats 310
Foulis, A. K., N. D. Francis, M. A. Farquharson, A. Boylston: Massive synchronous B-cell necrosis causing Type 1 (insulin-dependent) diabetes – a unique histopathological case report 46
Frier, B. M., B. M. Fisher, C. E. Gray, G. H. Beastall: Counterregulatory hormonal responses to hypoglycaemia in Type 1 (insulin-dependent) diabetes: evidence for diminished hypothalamic-pituitary hormonal secretion 421

Golay, A., R. A. DeFronzo, E. Ferrannini, D. C. Simonson, D. Thorin, K. Acheson, D. Thiébaud, B. Curchod, E. Jéquier, J. P. Felber: Oxidative and non-oxidative glucose metabolism in non-obese Type 2 (non-insulin-dependent) diabetic patients 585
Guy, R. J. C., S. G. Gilbey, M. Sheehy, P. Asselman, P. J. Watkins: Diabetic neuropathy in the upper limb and the effect of twelve months sorbinil treatment 214

Issa-Chergui, B., A. Goldner-Sauvé, E. Colle, G. J. Prud'homme, P. H. Lapchak, P. H. van der Meide, T. A. Seemayer: Class I and II major histocompatibility complex gene product expression by a rat insulinoma cell line in vitro following exposure to gamma interferon 675

Jarrett, R. J., M. J. Shipley: Type 2 (non-insulin-dependent) diabetes mellitus and cardiovascular disease – putative association via common antecedents; further evidence from the Whitehall Study 737
Jensen, T., S. Stender, T. Deckert: Abnormalities in plasma concentrations of lipoproteins and fibrinogen in Type 1 (insulin-dependent) diabetic patients with increased urinary albumin excretion 142
Julu, P. O. O.: The correlation between sensory nerve conduction velocities and three metabolic indices in rats treated with streptozotocin 247

Karabatas, L. M., M. Arata, L. Anaya, J. C. Cresto, O. H. Pivetta, J. C. Basabe: First phase of insulin secretion stimulated by glucose plus theophylline and inhibitory effect of somatostatin in genetically diabetic mice (C57BL/KsJ-mdb) 375
Karjalainen, J., M. Knip, A. Mustonen, H. K. Åkerblom: Insulin autoantibodies at the clinical manifestation of Type 1 (insulin-dependent) diabetes – a poor predictor of clinical course and antibody response to exogenous insulin 129
Karjalainen, J., M. Knip, H. Hyöty, P. Leinikki, J. Ilonen, M.-L. Käär, H. K. Åkerblom: Relationship between serum insulin autoantibodies, islet cell antibodies and Coxsackie-B4 and mumps virus-specific antibodies at the clinical manifestation of Type 1 (insulin-dependent) diabetes 146
Kelleher, C., S. M. Kingston, D. G. Barry, M. M. Cole, J. B. Ferriss, G. Grealy, C. Joyce, D. J. O'Sullivan: Hypertension in diabetic clinic patients and their siblings 76
Keller, U., M. Lustenberger, W. Stauffacher: Effect of insulin on ketone body clearance studied by a ketone body "clamp" technique in normal man 24
Kern, T. S., R. L. Engerman: Urinary protein excretion rates in experimentally diabetic dogs and experimentally galactosaemic dogs 928
Kimura, M., I. Kimura, T. Nakamura, H. Nojima: Diabetic state-induced modification of resting membrane potential and conductance in diaphragm muscle of alloxan and diabetic KK-CA^y mice 103
King, H., J. Dixon, G. Senator, M. Schoonenveldt, P. Zimmet: Type 1 (insulin-dependent) diabetes in Tasmania: prevalence and apparent regional differences 93
Kobbah, M., B. Vessby, T. Tuvemo: Serum lipids and apolipoproteins in children with Type 1 (insulin-dependent) diabetes during the first two years of the disease 195
Koffler, M., T. Imamura, F. Santeusanio, J. H. Helderman: Antecedent chronic hyperglycaemia blocks phlorizin-induced insulin resistance in the dog 228
Kolb, H., K. Dannehl, D. Grüneklee, J. Zielasek, J. Bertrams, A. Hübinger, F. A. Gries: Prospective analysis of islet cell antibodies in children with Type 1 (insulin-dependent) diabetes 189
Kollind, M., U. Adamson, P. E. Lins, B. Hamberger: Transient insulin resistance following infusion of adrenaline in Type 1 (insulin-dependent) diabetes mellitus 603
Koltai, M. Z., P. Rösen, P. Hadházy, Gy. Ballagi-Pordány, A. Köszeghy, G. Pogátsa: Relationship between vascular adrenergic receptors and prostaglandin biosyntheses in canine diabetic coronary arteries 681
Komiya, I., R. H. Unger: Absence of glucopenic inhibition of the insulin response to arginine at the onset of diabetes in BB/W rats 225
Kruszynska, Y. T., L. Villa-Komaroff, P. A. Halban: Islet B-cell dysfunction and the time course of recovery following chronic overinsulinisation of normal rats 621
Kruszynska, Y. T., P. D. Home: Liver and muscle insulin sensitivity, glycogen concentration and glycogen synthase activity in a rat model of non-insulin-dependent diabetes 304
Kurtz, A. B., L. DiSilvio, E. Bosi: The determination of detection limits for insulin antibody assays 395

Lake, S. P., J. Chamberlain, P. Husken, P. R. F. Bell, R. F. L. James: In vivo assessment of isolated pancreatic islet viability using the streptozotocin-induced diabetic nude rat 390
Lambourne, J. E., A. M. Brown, N. Calcutt, D. R. Tomlinson, G. B. Willars: Adenosine triphosphatase in nerves and ganglia of rats with streptozotocin-induced diabetes or galactosaemia; effects of aldose reductase inhibition 379
Lee, K. U., H. K. Lee, C. S. Koh, H. K. Min: Artificial induction of intravascular lipolysis by lipid-heparin infusion leads to insulin resistance in man 285
Lervang, H.-H., S. Jensen, J. Brochner-Mortensen, J. Ditzel: Early glomerular hyperfiltration and the development of late nephropathy in Type 1 (insulin-dependent) diabetes mellitus 723
Lester, F. T., H. Keen: Macrovascular disease in middle-aged diabetic patients in Addis Ababa, Ethiopia 361
Levy, J., Y. Suzuki, L. V. Avioli, G. Grunberger, J. R. Gavin, III: Plasma membrane phospholipid content in non-insulin-dependent streptozotocin-diabetic rats – effect of insulin 315
Livingston, N., T. Pollare, H. Lithell, P. Arner: Characterisation of insulin-like growth factor I receptor in skeletal muscles of normal and insulin resistant subjects 871
Llewelyn, J. G., P. K. Thomas, S. G. Gilbey, P. J. Watkins, J. R. Muddle: Pattern of myelinated fibre loss in the sural nerve in neuropathy related to Type 1 (insulin-dependent) diabetes 162
López, S., B. Desbuquois, M. C. Postel-Vinay, C. Benelli, M. Lavau: Insulin-dependent changes in subcellular distribution of liver insulin receptors in obese Zucker rats 922
Ludvigsson, J., C. Binder, T. Mandrup-Poulsen: Insulin autoantibodies are associated with islet cell antibodies; their relation to insulin antibodies and B-cell function in diabetic children 647
Lütjens, A., T. W. Jonkhoff-Slok, C. Sandkuijl, E. A. v. d. Veen, J. v. d. Meer: Polymerisation and crosslinking of fibrin monomers in diabetes mellitus 825

Maassen, J. A., M. P. Klinkhamer, G. C. M. van der Zon, H. Sips, W. Möller, H. M. J. Krans, D. Lindhout, F. A. Beemer: Fibroblasts from a leprechaun patient have defects in insulin binding and insulin receptor autophosphorylation 612
Mangili, R., G. C. Viberti, D. Vergani: Antibodies to human albumin epitopes in Type 1 (insulin-dependent) diabetes mellitus 639
Masson, E. A., S. E. Church, A. A. Woodcock, S. P. Hanley, A. J. M. Boulton: Is resistance to ischaemic conduction failure induced by hypoxia? 762
Mattock, M. B., H. Keen, G. C. Viberti, M. R. El-Gohari, T. J. Murrells, G. S. Scott, J. R. Wing, P. G. Jackson: Coronary heart disease and urinary albumin excretion rate in Type 2 (non-insulin-dependent) diabetic patients 82
McLean, W. G.: Pressure-induced inhibition of fast axonal transport of proteins in the rabbit vagus nerve in galactose neuropathy: prevention by an aldose reductase inhibitor 443

Mooradian, A. D., D. C. Norman, J. E. Morley: The effect of zinc status on the immune function of diabetic rats 703
Müller, M. J., P. E. Mitchinson, U. Paschen, H. J. Seitz: Glucoregulatory function of glucagon in hypo-, eu- and hyperthyroid miniature pigs 368
Mullis, P., H. Völkle, V. Sigrist, K. Zuppinger: Comparison of fructosamine and glycated haemoglobin in children with Type 1 (insulin-dependent) diabetes mellitus 351
Murphy, L. J.: Impaired estrogen-induced uterine insulin-like growth factor-I gene expression in the streptozotocin diabetic rat 842

Nagasaka, Y., S. Fujii, T. Kaneko: Human erythrocyte sorbitol metabolism and the role of sorbitol dehydrogenase 766
Nelson, R. G., J. M. Newman, W. C. Knowler, M. L. Sievers, C. L. Kunzelman, D. J. Pettitt, C. D. Moffett, S. M. Teutsch, P. H. Bennett: Incidence of end-stage renal disease in Type 2 (non-insulin-dependent) diabetes mellitus in Pima Indians 730
Nerurkar, M. A., J. G. Satav, S. S. Katyare: Insulin-dependent changes in lysosomal cathepsin D activity in rat liver, kidney, brain and heart 119
Ng, L. L., D. Simmons, M. Harker, T. D. R. Hockaday: Leucocyte sodium efflux and electrolyte content in insulin treated diabetes 821

Østerby, R., H.-H. Parving, G. Nyberg, E. Hommel, H. E. Jørgensen, H. Løkkegaard, C. Svalander: A strong correlation between glomerular filtration rate and filtration surface in diabetic nephropathy 265
Ohlson, L.-O., B. Larsson, P. Björntorp, H. Eriksson, K. Svärdsudd, L. Welin, G. Tibblin, L. Wilhelmsen: Risk factors of Type 2 (non-insulin-dependent) diabetes mellitus. Thirteen and one-half years of follow-up of the participants in a study of Swedish men born in 1913 798
Olmos, P., R. A'Hern, D. A. Heaton, B. A. Millward, D. Risley, D. A. Pyke, R. D. G. Leslie: The significance of the concordance rate for Type 1 (insulin-dependent) diabetes in identical twins 747
O'Rahilly, S., R. C. Trembath, P. Patel, D. J. Galton, R. C. Turner, J. S. Wainscoat: Linkage analysis of the human insulin receptor gene in Type 2 (non-insulin-dependent) diabetic families and a family with maturity onset diabetes of the young 792
Orci, L., G. B. Wollheim: Aibert E. Renold: July 10, 1923–March 21, 1988 335
Owerbach, D., S. Gunn, G. Ty, L. Wible, K. H. Gabbay: Oligonucleotide probes for HLA-DQA and DQB genes define susceptibility to Type 1 (insulin-dependent) diabetes mellitus 751

Paolisso, G., S. Sgambato, D. Guigliano, R. Torella, M. Varricchio, A. J. Scheen, F. D'Onofrio, P. J. Lefèbvre: Impaired insulin-induced erythrocyte magnesium accumulation is correlated to impaired insulin-mediated glucose disposal in Type 2 (non-insulin-dependent) diabetic patients 910
Patzelt, C.: Differential inhibitory action of cationic amino acids on protein synthesis in pancreatic rat islets 241
Perriello, G., E. Torlone, S. Di Santo, C. Fanelli, P. De Feo, F. Santeusanio, P. Brunetti, G. B. Bolli: Effect of storage temperature of insulin on pharmacokinetics and pharmacodynamics of insulin mixtures injected subcutaneously in subjects with Type 1 (insulin-dependent) diabetes mellitus 811
Pietschmann, P., G. Schernthaner, W. Woloszczuk: Serum osteocalcin levels in diabetes mellitus: analysis of the type of diabetes and microvascular complications 892
Pollare, T., H. Lithell, I. Selinus, C. Berne: Application of prazosin is associated with an increase of insulin sensitivity in obese patients with hypertension 415
Purrello, F., D. Gullo, M. Buscema, V. Pezzino, R. Vigneri, I. D. Goldfine: Metformin enhances certain insulin actions in cultured rat hepatoma cells 385

Raz, I., J. H. Adler, E. Havivi: Altered tissue content of trace metals in diabetic hyperinsulinaemic sand rats (psammomys obesus) 329
Raz, I., Y. Havivi, R. Yarom: Reduced negative surface charge on arterial endothelium of diabetic rats 618
Reddy, S., N. J. Bibby, R. B. Elliott: Ontogeny of islet cell antibodies, insulin autoantibodies and insulitis in the non-obese diabetic mouse 322
Reimers, J., M. Nauck, W. Creutzfeldt, J. Strietzel, R. Ebert, P. Cantor, G. Hoffmann: Lack of insulinotropic effect of endogenous and exogenous cholecystokinin in man 271
Rivellese, A., G. Riccardi, G. Romano, R. Giacco, L. Patti, G. Marotta, G. Annuzzi, M. Mancini: Presence of very low density lipoprotein compositional abnormalities in Type 1 (insulin-dependent) diabetic patients; effects of blood glucose optimisation 884
Rohner-Jeanrenaud, F., B. Jeanrenaud: Abnormal regulation of pancreatic glucagon secretion in obese *fa/fa* rats 235
Rolfe, M.: Diabetic eye disease in Central Africa 88
Rudberg, S., G. Dahlquist, A. Aperia, B. Persson: Reduction of protein intake decreases glomerular filtration rate in young Type 1 (insulin-dependent) diabetic patients mainly in hyperfiltering patients 878

Sane, T., E. Helve, R. Pelkonen, V. A. Koivisto: The adjustment of diet insulin dose during long-term endurance exercise in Type 1 (insulin-dependent) diabetic man 35
Shima, K., N. Ito, F. Abe, M. Hirota, M. Yano, Y. Yamamoto, T. Uchida, K. Noguchi: High-performance liquid chromatographic assay of serum glycated albumin 627
Sima, A. A. F., S. Chakrabarti, W. J. Tze, J. Tai: Pancreatic islet allograft prevents basement membrane thickening in the diabetic rat retina 175
Simpson, C. M. F., J. N. Hawthorne: Reduced $Na^+ + K^+$-ATPase activity in peripheral nerve of streptozotocin-diabetic rats: a role for protein kinase C? 297
Skøtt, P., E. Hommel, N. E. Bruun, S. Arnold-Larsen, H.-H. Parving: Effects of acetazolamide on kidney function in Type 1 (insulin-dependent) diabetic patients with diabetic nephropathy 806
Smith, C. P., A. J. K. Williams, J. M. Thomas, H. R. Archibald, V. D. Algar, G. F. Bottazzo, E. A. M. Gale, M. O. Savage: The pattern of basal and stimulated insulin responses to intravenous glucose in first degree relatives of Type 1 (insulin-dependent) diabetic children and unrelated adults aged 5 to 50 years 430
Sodoyez-Goffaux, F., J.-C. Sodoyez, M. Koch, C. J. De Vos, B. H. Frank: Scintigraphic distribution of 123 I labelled proinsulin, split conversion intermediates and insulin in rats 848
Sodoyez-Goffaux, F., M. Koch, N. Dozio, D. Brandenburg, J.-Cl. Sodoyez: Advantages and pitfalls of radioimmune and enzyme linked immunosorbent assays of insulin antibodies 694
Soltész, G., D. Molnár, T. Decsi, A. Hamar, L. Klujber: The metabolic and hormonal effects of continuous subcutaneous insulin infusion therapy in diabetic children 30
Stenman, S., P.-H. Groop, C. Saloranta, K. J. Tötterman, F. Fyhrqvist, L. Groop: Effects of the combination of insulin and glibenclamide in Type 2 (non-insulin-dependent) diabetic patients with secondary failure to oral hypoglycaemic agents 206
Sussman, I., M. P. Carson, V. Schultz, X. P. Wu, A. L. McCall, N. B. Ruderman, K. Tornheim: Chronic exposure to high glucose decreases *myo*-inositol in cultured cerebral microvascular pericytes but not in endothelium 771

Takeda, H., H. Kishikawa, M. Shinohara, T. Miyata, K. Suzaki, H. Fukushima, K. Ichinose, M. Shichiri: Effect of α_2-adrenoceptor antagonist on platelet activation during insulin-induced hypoglycaemia in Type 2 (non-insulin-dependent) diabetes mellitus 657
Thivolet, Ch., B. Beaufrère, H. Bétuel, L. Gebuhrer, P. Chatelain, A. Durand, J. Tourniaire, R. François: Islet cell and insulin autoantibodies in subjects at high risk for development of Type 1 (insulin-dependent) diabetes mellitus: the Lyon family study 741
Tormo, M. A., M. A. G. Zubeldia, J. L. Montero, J. E. Campillo: In vitro study on the contribution of the rat intestine-pancreas to glucose homeostasis 916
Trovati, M., P. Massucco, E. Mularoni, F. Cavalot, G. Anfossi, L. Mattiello, G. Emanuelli: Insulin-induced hypoglycaemia increases plasma concentrations of angiotensin II and does not modify atrial natriuretic polypeptide secretion in man 816

Uusitupa, M., J. Mustonen, M. Laakso, P. Vanio, E. Länsimies, S. Talwar, K. Pyörälä: Impairment of diastolic function in mid-

dle-aged Type 1 (insulin-dependent) and Type 2 (non-insulin-dependent) diabetic patients free of cardiovascular disease 783

Vara, E., O. Fernández-Martín, C. García J. Tamarit-Rodriguez: Palmitate dependence of insulin secretion, "de novo" phospholipid synthesis and $^{45}Ca^{2+}$-turnover in glucose stimulated rat islets 687

Venhaus, A., E. Chantelau: Self-selected unrefined and refined carbohydrate diets do not affect metabolic control in pumptreated diabetic patients 153

Vialettes, B., C. Mattei-Zevaco, C. Badier, G. Ramahandridona, V. Lassmann-Vague, Ph. Vague: Low acute insulin response to intravenous glucose. A sensitive but nonspecific marker of early stages of Type 1 (insulin-dependent) diabetes 592

Wakisaka, M., K. Nunoi, M. Iwase, M. Kikuchi, Y. Maki, K. Yamamoto, S. Sadoshima, M. Fujishima: Early development of nephropathy in a new model of spontaneously hypertensive rat with non-insulin-dependent diabetes mellitus 291

Wallensteen, M., G. Dahlquist, B. Persson, M. Landin-Olsson, Å. Lernmark, G. Sundkvist, B. Thalme: Factors influencing the magnitude, duration, and rate of fall of B-cell function in Type 1 (insulin-dependent) diabetic children followed for two years from their clinical diagnosis 664

Wilberz, S., L. Herberg, A. E. Renold: Gangliosides in vivo reduce diabetes incidence in non-obese diabetic mice 855

Wiles, P. G., P. J. Grant, M. H. Stickland, H. G. Dean, J. K. Wales, J. A. Davies: Regional variation in skin blood flow response to hypoglycaemia in Type 1 (insulin-dependent) diabetic patients without complications 98

Wilkin, T., I. Mirza, M. Armitage, C. Casey, L. Scott-Morgan: Insulin autoantibody polymorphisms with greater discrimination for diabetes in humans 670

Wing, R. R., L. H. Epstein, M. Paternostro-Bayles, A. Kriska, M. P. Nowalk, W. Gooding: Exercise in a behavioural weight control programme for obese patients with Type 2 (non-insulin-dependent) diabetes 902

Yamanouchi, T., H. Akanuma, T. Nakamura, I. Akaoka, Y. Akanuma: Reduction of plasma 1,5-anhydroglucitol (1-deoxyglucose) concentration in diabetic patients 41

Yano, M., F. Hashimoto, M. Sato, C. Ohboshi, M. Hirota, I. Oshima, Y. Ohe, S. Shin, K. Shima: Specific radioimmunoassay of glucitol-lysine – application to lens proteins in streptozotocin-diabetic rats 221

Yoshioka, N., T. Kuzuya, A. Matsuda, M. Taniguchi, Y. Iwamoto: Serum proinsulin levels at fasting and after oral glucose load in patients with Type 2 (non-insulin-dependent) diabetes mellitus 355

Yudkin, J. S., G. A. Oswald, P. M. McKeigue, R. D. Forrest, C. A. Jackson: The relationship of hospital admission and fatality from myocardial infarction to glycohaemoglobin levels 201

Zaninetti, D., R. Greco-Perotto, B. Jeanrenaud: Heart glucose transport and transporters in rat heart: regulation by insulin, workload and glucose 108

Zawalich, W. S.: Time-dependent potentiation of insulin release induced by alpha-ketoisocaproate and leucine in rats: possible involvement of phosphoinositide hydrolysis 435

Rapid communications

Bollen, M., S. Keppens, W. Stalmans: Differences in liver glycogen-synthase phosphatase activity in rodents with spontaneous insulin-dependent and non-insulin-dependent diabetes 711

Elliott, R. B., S. N. Reddy, N. J. Bibby, K. Kida: Dietary prevention of diabetes in the non-obese diabetic mouse 62

Heaton, D. A., B. A. Millward, I. P. Gray, Y. Tun, C. N. Hales, D. A. Pyke, R. D. G. Leslie: Increased proinsulin levels as an early indicator of B-cell dysfunction in non-diabetic twins of Type 1 (insulin-dependent) diabetic patients 182

Ikegami, H., S. Makino, M. Harada, G. S. Eisenbarth, M. Hattori: The cataract Shionogi mouse, a sister strain of the non-obese diabetic mouse: similar class II but different class I gene products 254

Kverneland, A., B. Welinder, B. Feldt-Rasmussen, T. Deckert: Improved metabolic control does not alter the charge-dependent glomerular filtration of albumin in uncomplicated Type 1 (insulin-dependent) diabetes 708

Lee, K. U., C. Y. Pak, K. Amano, J. W. Yoon: Prevention of lymphocytic thyroiditis and insulitis in diabetes-prone BB rats by the depletion of macrophages 400

Niki, A., H. Niki, I. Niki, Y. Kunoh: Insulin release by glucose anomers in a rat model of non-insulin-dependent diabetes 65

Smith, C. P., A. C. Tarn, J. M. Thomas, D. Overkamp, A. Corakci, M. O. Savage, E. A. M. Gale: Between and within subject variation of the first phase insulin response to intravenous glucose 123

Ziegler, A. G., E. Standl: Loss of Ia-positive epidermal Langerhans cells at the onset of Type 1 (insulin-dependent) diabetes mellitus 632

Workshop reports

Boitard, C., E. Bonifacio, G. F. Bottazzo, H. Gleichmann, J. Molenaar: Immunology and Diabetes Workshop: Report on the Third International (Stage 3) Workshop on the Standardisation of Cytoplasmic Islet Cell Antibodies 451

Mühlhauser, I., V. Jörgens, M. Berger: Care and education in patients with diabetic late complications. Diabetes Education Study Group of the EASD – Workshop held at Lockenhaus Castle, Austria, 23–26 June 1988 776

Wilkin, T., J. Palmer, A. Kurtz, E. Bonifacio, J.-L. Diaz: The second International Workshop on the Standardisation of Insulin Autoantibody (IAA) Measurement 449

Zühlke, H., R. Walther: Report of an international postsymposium to the 23rd EASD Annual Meeting on Molecular Genetics of Diabetes Mellitus 636

Letters to the Editor

68, 126, 127, 185, 403, 453, 637, 714, 778, 858

Letter from the Editor

861

Book reviews

715, 771, 859

Organisation section/Announcements

69, 128, 188, 334, 406, 457, 638, 714, 716, 780, 860

Minutes EASD, 23rd General Assembly, Leipzig, 18 September 1987

259

Agenda EASD, 24th General Assembly, Paris, 7 September 1988

461

Abstracts EASD, 24th Annual Meeting, Paris, 5–8 September 1988

462 A

List of Referees

933

Errata

715

Author index

935

Subject index

945

Author index and subject index are published on pages 935–953 at the and of this volume